	ORDER FO	RM Order No	•
Name		Tel.No.	
Company _			
Address			<u></u>
-			
-		Post code	
ACCESS/VISA	Vcheque No.	ACCESS/VISA expi	ry date
Signature _		Date	

Qty	Description	Unit price	Amount
·			
	Future Safe upgrade voucher(s).	No charge	0.00
•		Total	



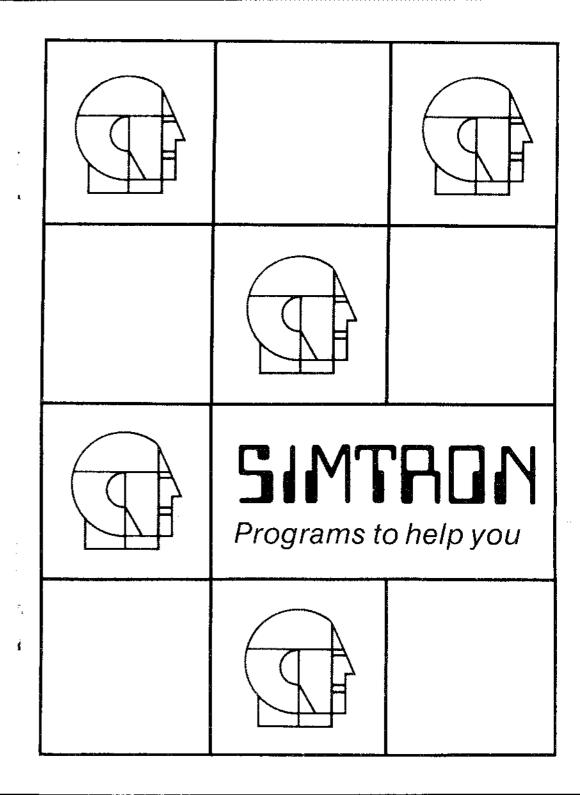
Programs to help you

4 CLARENCE DRIVE, EAST GRINSTEAD, WEST SUSSEX RH19 4RZ Telephone (0342) 328188



Cheques/POs/official orders or Access/Visa number and expiry date. 24-hour 'phone for Credit Card orders.





ARCHWAY 2

"Leading edge technology...
...everyone will program this way one day."

ARCHWAY 2 lets YOU unleash the huge program power of RISC OS and the ARM easily and quickly. Build powerful, multi-window applications with pop-up menus, icons, mouse control, etc. of professional quality.

Programs created with **Archway 2** are fully RISC OS multi-tasking, appear on the icon bar and can be in line with Acorn's guidelines.

If you are a little familiar with BBC BASIC then you can create applications using **Archway 2**. We have optimised the facilities to let you achieve powerful results with a minimum of programming.

ARCHWAY 2

"Archway is one of the most impressive and best value for money products that I have yet seen for the Archimedes. Anyone who wishes to write RISC applications in BASIC 5 would have to be quite insane NOT to enlist the aid of this remarkable package."

- A&B Computing, February 1990

ARCHWAY 2 provides a total environment for creating RISC OS applications in BASiC. It includes **tools, shell** programs with extensive **run-time** code, comprehensive **examples** and tutorials, and a **library** of functions and procedures.

ARCHWAY 2

"You get an excellent piece of software which will make the mountain of programming needed to operate the WIMP environment into a molehill."

- Archive, July 1989

There are tools to make menus, windows, icons, mouse pointers, present a wide range of graphics and text in frames, create a simple database and much more.

The tools are themselves ARCHWARE applications so they share the intuitive RISC OS user interface. They have been designed to work closely together and with Edit, Paint and the Basic Editor. All are fully multi-tasking so you can run several at the same time (memory permitting).

ARCHWAY 2

"...you can create a complex WIMP environment very quickly..."
"...I have had no end of use out of this easy-is use package..."

Archive, July 1979

ARCHWAY shells are ready to run RISC OS applications to line with Acousts guidelines. Shous include run-time code to handle automatically someoned, we have been blandling, graphics, etc. so that you don't need detailed knowledge of taken complex areas.

You create a complete application by extending and the tuning a chall, thus add menus and windows using the tools, and write functions and procedures to carry but the tasks of your program.

* EditFile displays a text file as the background of a window.

* FilmFile displays an Ace Computing film file as the background of a window with a range of manipulations and display options.

* Frames shows a window with Draw and Edit files in frames together with buttons. The frames can dragged round the window with the text reformatted as the frame size alters.

* Frames 2 has further graphics in frames within a window. Two channels of background animation can be active together.

* Paintfile puts a Paint file as the background of a window. It can be scaled.

* Sprite shows how to redraw a window very quickly by drawing it into a sprite. This also allows graphics code that is screen mode dependent to be displayed in any mode.

* Texture repeats copies of a sprite as window background to give a patterned affect.

* ThreeDee puts a Euclid 3-D file in a window with extensive manipulations.

* Fonts1 shows how to use character sets and anti-aliased fonts in windows and menus.

* FuncKeys illustrates how to set-up function key short cuts.

* MousePntr shows how to give windows different mouse pointers and use a pop-up magnifier window to control the size of an item in a window.

* ToolsWind shows the power of windows that act as toolboxes.

* ViewWind1 shows how to use line and fill patterns in window graphics.

* DataPad1 is a simple name and address database with mailmerge.

* EditorA1 is a utility to set-up the serial port.

* EditorA2 is an extensive utility to set-up the CMOS RAM configurations.

* EditorB1 is a simple school report database for a single class.

Obtaining ARCHWAY 2

The complete ARCHWAY 2 package comes on 4 unprotected 800k discs with a ring bound user guide. You need an Archimedes or A3000 computer with 1Mbyte or more of RAM and fitted with RISC OS. One disc drive is sufficient.

The price for a single copy is £86.91 excluding VA1 but including post and packing. That is £99.95 including VAT at 15%. Overseas customers may deduct the UK VAT where appropriate. Please add £5.00 for postage within Europe or world-wide surface mail, and £20.00 for airmail outside Europe.

For primary and secondary schools a site licence is included at NO extra cost.

Once you have purchased a copy of ARCHWAY 2 and returned the user registration card you are licensed to distribute copies of the run-time as part of complete applications created with ARCHWAY 2. There is no further charge but you must acknowledge use of ARCHWAY. You must not supply details of how the run-time works or distribute copies of any ARCHWAY 2 tools. Please contact us for further details of inspection copies and site licences.

Future Safe Upgrade

ARCHWAY 2 is subject to ongoing development and improvement. Further releases are planned for the future with low cost upgrades for registered users. Refer to our FUTURE SAFE policy when ordering ARCHWAY 2 from us and we will send a variable entitling you to TWO FREE UPGRADES. One disc only upgrade and one disc + updated user guide apprade. There is no charge but you must have returned your user registration card and send your vasater discs with the voucher when you require an upgrade. We make no guarantee about the availability of upgrades except that we will supply the current version if more recent than the one you return. Otherwise, we will hold your request pending a further release.

The internal run-time code pops-up the right menu, in the right place at the right time when the program user clicks the mouse MENU button. Before popping up the menu your application is informed to see if it wants to modify the menu. The user run-time code has functions to tick, untick, shade, unshade, change the text of a menu item or its colour, etc. You just have to specify the menu's name and the item number you want to alter. If you wish you can cause a different menu to be popped up instead.

The internal run-time code also decodes and acts on the user's next step. If he clicks on a menu item linked to an action then it calls a function in your application with the same name (but with an underline character added). You have to include such a function and write its contents to carry out the action. When the function returns the run-time will close the menu or redisplay it depending on whether the user clicked SELECT or ADJUST.

The run-time is divided into units. Each unit provides a set of related capabilities. A unit may consist only of code or there may be menus, windows, etc. as well. You can decide which units to include in your application and which to leave out. The shells do this automatically.

Units supplied with ARCHWAY 2 release 2.00 are,

* Kernel is part of every application.

DataPad d provides database facilities.

* Editor e provides facilities for single and multiple item editors.

Files Eprovides RISC OS file handling.

* Graphics_g provides graphics display and manipulation facilities. It handles Edit, Paint, Draw, Euclid 3-D and film files as window backgrounds and in frames. It also provides windows and frames redrawn by BASIC functions, fast redraw by writing into a sprite, animation by drawing into a sprite and textured backgrounds created by repeating a sprite pattern.

* Sound_s provides facilities to playback Maestro files. Users can set tempo, channel

volumes, instruments and stereo position.

ARCHWARE Examples

To help you get started there is a series of more than 50 program building sessions starting from the level of a complete beginner. The sessions with supporting examples are all fully explained in the user guide. The example applications are all on disc and ready to run. They are,

* HelloWrld the classic minimum application.

- * AlertWind displays a message with two items of variable text and one or two response buttons in a window.
 - * DisplWind shows how you could display a set of multiple choice questions.
- DiogWind illustrates a simple invoice generating program with automatic time and date,
 VAT calculation and automatic totalling.
 - * FormWind shows data entry of a name and address.
 - !cons1 introduces the various types of icon used in windows.

Icons2 shows more advanced icon handling.

- * InputWind shows the simplest window for a single item of user input with a prompt and one or two response buttons.
 - Menus1 introduces the principles of menu handling.
 - * Menus2 shows more advanced menus.
 - * MenuWind has a simple expression evaluating calculator as a pop-up window.
 - * Music shows how to play Maestro files in the background.
 - * ScrilWind shows how to drag sprites round a scrolling window.
 - * Animate displays balls in a window with background animation.
 - * Basic displays a window whose contents are created by a BASIC function.
 - * DrawFile has a Draw file as window background. It can be scaled, moved and rotated.

Who needs ARCHWAY?

Anyone who wishes to write a WIMP program for an Archimedes family computer using BASIC MUST have ARCHWAY.

Beginners should not feel inhibited. You will be amazed at the powerful and exciting things you can do with only a minimum knowledge of BASIC. For example, you won't need programming skills to create a shell that will load onto the icon bar and run. Displaying graphics from Paint, Draw, Edit, Euclid 3-D and film files requires virtually no programming. To add buttons that trigger actions you will need to know something of BASIC functions.

ŧ

You can work through more than 30 fully running examples supplied with the ARCHWAY package, at your own pace, developing your knowledge of BASIC while staying within the familiar windowed environment. Assist your progress by copying parts of examples into your own shell and getting them to run correctly.

Perhaps you are an enthusiast who has struggled with the complexities of the Programmer's Reference Manual and concluded that building meaningful programs using windows is beyond you. With ARCHWAY you will regain your confidence.

Or, you may be a teacher with a selection of proven programs that you would like to transfer to RISC OS. ARCHWAY 2 will let you enhance them with windows, pop-up menus and the mouse. So they become easier and more fun to use.

On the other hand you may have a specialist and extensive task in mind. Without doubt ARCHWAY 2 can save you many hours of programming time if you aim to use the WIMP. It may well mean the difference between using the modern multi-tasking, windowed approach or an outdated technique that will be much less acceptable to your users.

We believe that even well experienced professional programmers will find they can build applications more easily and in less time with the help of ARCHWAY. The ARCHWAY tools provide an extensive resource of advanced techniques for the knowledgeable browser.

Why use ARCHWAY?

Work carried out at the Xerox Research Centre during the 1970's conclusively showed that a properly designed user interface can make a program much easier to use. The term WIMP has become firmly established and graphical user interfaces are now rapidly becoming the norm (the 'W' stands for Windows, 'I' for Icons, 'M' for Menus and 'P' for Pointer). RISC OS is an outstanding example of such an interface.

The down side is that a graphical user interface is more difficult to program and requires more code so that even a 'short' program can become a major undertaking if the right tools and support aren't available.

This is where ARCHWAY comes in. It provides you with an extensive family of tools and standard code to help you write WIMP based programs for Archimedes family computers easily and quickly. You can concentrate on your application while ARCHWAY takes care of the user interface and much more besides.

One example included with the package is a comprehensive configure utility. It has some 200 menu items and 110K of code (including the run-time). With a little tidying up and thorough testing it would be of commercial quality. One person wrote it in two days without needing to know anything in detail about windowing, menu handling, RISC OS file loading and saving conventions, message passing, etc. We are not suggesting that you will necessarily be able to match that but how long would it take without ARCHWAY?

ARCHWAY Tools

The ARCHWAY tools are all true ARCHWARE applications (except for BasicEdit).

- * BasicEdit helps you edit a BASIC file using the Basic Editor or Edit. With Edit the BASIC file is converted to a text file form and edited in a multi-tasking window.
- * ArchTools provides a main menu to access the other tools from one point and lets you create a new application shell with a single RISC OS save operation.
- * MenuEdit will be one of the tools you use most. Create menus for your application with it much easier than trying to program them. Menu items can connect to submenus or to pop-up windows, or act as buttons to trigger an action when a user clicks on them.
- * WindList defines the windows in your application including size, colours, scroll action, menu, pointer, workspace, graphic background, editor attributes, etc. Default values are automatically set so you only concern yourself with items you want to alter.
- * WindEdit creates window contents. This is another one of the tools you will use a lot. You can include passive icons for displaying fixed and variable text or simple rectangular graphics, button icons for the user to trigger an action, writeable field icons to accept user input and frame icons to hold graphics or larger blocks of text.
- * FrameEdit gives you more extensive control over frame graphics. You can scale, clip, rotate, hot-link, etc. them without altering the original graphic.
- * **DpadEdit** creates a DataPad database from a window with writeable fields. Data records are kept in 8 + trees with indexed access.

You will use the following tools less but they are vital for certain purposes.

- * ArchMerge updates an application by merging files from a later version.
- * CharSet creates customised character sets.
- * Choices edits the Choices file of an ARCHWARE application. The Choices file can store user options and other data from one run of the program to the next.
- * CodeList creates a resource that ARCHWARE applications can automatically handle from a set of ARM code files.
- * Convert12 helps to update applications created with an earlier release to run under ARCHWAY 2.
 - FillPatn creates customised fill patterns.
 - * FontList defines the anti-aliased fonts that an application may use.
- IconClass is used to give a name to a set of icon characteristics for easy reference. A
 default set covering most needs is kept in the Gallery.
 - * KeyEdit sets up the function keys or redefines keys as short cuts for menu options.
 - * LinePath creates customised line patterns.
 - * PtrList lets you include customised mouse pointers in ARCHWARE applications.
- * ResMaker converts a set of files into a resource that ARCHWARE applications can load automatically.
- * VstrEdit creates validation strings for writeable fields. Validation strings control the characters a user can type into the field. A default set covering many needs is kept in the Gallery.
- * WindClass is used to give a name to a set of window characteristics for easy reference. A default set covering most needs is kept in the Gallery.

ARCHWAY Shells

RISC OS applications consist of a set of files in an application directory. There are files called !Run, !Sprites, !RunImage and maybe !Boot, Sprites, Choices and ReadMe as well. Often there will be others too.

Creating these files manually with the right contents to give a runnable program can be daunting especially for beginners. With ARCHWAY all necessary files are automatically generated with sensible default contents when you create a new **application shell**.

Creating a new shell could not be simpler. You foad the tool **ArchTools**. Choose the **Create application** menu item, decide which type of shell to make (from a small range), enter its name and do a drag save to a Filer window. Some seconds later you will have a complete working application shell.

You can run your new application immediately. It will load and appear on the icon bar. It has an icon bar menu with Info and **Quit** items just like any other RISC OS application. The menu title shows the application's name. You can pop-up the Info window to see that the application's name and creation date are already set-up. Click SELECT on the icon bar icon to open a dummy main window with a dummy menu. Choose **Quit** on the icon bar menu to closedown.

ARCHWAY 2 release 2.00 includes six different shells,

- * Shell is a general purpose shell.
- CrafShell for applications involving graphics display.
- * EditorA for editor applications with one item in a file (like Edit).
- * EditorB for editor applications with many items in a file (like Paint).
- * DataPad for applications requiring database facilities.
- * Custom for advanced users wanting to use a customised shell.

The main work of building a complete ARCHWARE application from a shell is to.

- Build its menus using the MenuEdit tool.
- * Build its windows with the WindowList and WindowEdit tools.
- * Extend its !RunImage file with BASIC functions to handle the required actions.

ARCHWAY Run-time

A considerable body of code as well as windows, menus, etc is required to provide the facilities offered by the shells. This is not included in each individual shell but kept in a separate application called **ArchSys**. Each shell includes lines of code to install the appropriate facilities from ArchSys when it is run. The general name we use for these facilities is the **Run-time**.

The run-time is probably the most vital part of the whole ARCHWAY system. It is certainly the fastest growing, ARCHWAY 2 run-time code being about 10 times the size of that in the original ARCHWAY release. We expect the growth to continue in future releases.

Broadly speaking there are two types of code in the run-time. Firstly, internal code for handling menus, windows, etc to hide the complexities of the RISC OS WIMP manager. Normally you will not be greatly concerned with it. Advanced programmers can over-ride it if required.

Secondly, many user functions and procedures are provided to cater for common situations. Many are introduced in the examples and all are detailed in the technical reference.

An example may clarify how the tools, the run-time and your application interact. Take menu handling. You create menus with the MenuEdit tool. You give each menu a name for easy identification. You link each menu item by name to a submenu, a pop-up window or an action.



The *ideA* range of hard disc upgrades is being welcomed as the best way forward for Archimedes and A3000 users. "IDE is the small-computer drive standard for the future," says RISC User. "ST506 is on the way out; SCSI has only a limited future in the small drive market."

PERFORMANCE

IDE is the only true 16-bit hard disc system currently available for Archimedes computers. All data transfers are 16-bit all the way from the disc, through the interface, to the computer (except that the A3000 internal interface has an 8-bit link to the computer).

FLEXIBILITY

An *ideA* system can turn your A3000 into a 20, 40 or 60 Mb workstation with no external attachments, using hard discs which sleep quietly during periods of inactivity.

An *ideA* system can cater for two hard discs in the same internal or external housing, allowing you to build up your capacity in easy stages without wasting money.

Then there's the ideA 'hard card' option – a $2\frac{1}{2}$ -inch hard disc on a standard podule.

VALUE

We think *ideA* upgrades offer the best value for your money, and we aim to keep it that way. Advanced IDE disc technology means simpler, cheaper, more reliable interfaces. Manufacturers' prices for hard discs fall gradually, and we pass these savings on to you as soon as we can.

Our upgrade prices include everything you need.

RELIABILITY

The first *ideA* customers have been using the system successfully for over six months now. The A3000 internal hard disc is exceptionally reliable – not a single one has had to be returned to us.

The latest IDE discs are ruggedly designed with lap-top and portable computers in mind. You'll wait a long time to see a defect! A skilled service team is ready to back up our guarantee should the need ever arise.

COMPATIBILITY

The Micro User reported "no difficulty in running all fully RISC OS applications". Our IDE filing system is no different from ADFS in use, though it has a few extra features such as the facility to write-protect a hard disc. DOS partitions can be created for the PC Emulator.

CONTINUED SUPPORT

The next couple of years will see the introduction of many new IDE products, including tape streamers and removable discs. You may rest assured that our software and hardware will keep pace with these developments. Updates for existing users, if they ever become necessary, will be simple and cheap.

"A beautiful solution," said BBC Acorn User. Study our price list elsewhere in this magazine, and let us solve your storage problems too.

Be in at the beginning!

Other products too good to miss!

See our other advert for prices



TWO (Task and Window Organiser)

Do you wish you could start applications, display directories, and open files all in one go? With TWO you can.

Do you wish your pupils were able to start work without understanding the Desktop? With TWO they will be.

Do you wish there was an easy way to tidy up your screen and find that buried window? With TWO there is.

TWO is far more than a 'sticky backdrop'. Its easy-to-use features make the Desktop a friendlier environment and will really save you time.



DrawBender distorts Draw files to follow a shape of your choice. A useful addition or cheap alternative to Poster, supplied with these **three** decorative fonts.

DrawBender is simple to use, without any complex menu structures. The example above uses DrawBender with FontFX – the two make ideal companions.



Baildon Electronics Oddules open the way to cheap, flexible and almost unlimited external expansion via the ¹²C bus already supported by RISC OS. Baildon are producing a range of Oddules which may be daisy-chained.

Ready now is the *AnDi* Oddule. It has eight digital I/O channels with high current open collector drivers, four A/D inputs, and one D/A output. AnDi is capable of emulating user and joystick ports, allowing ADVAL operation from BASIC, and the use of Concept Keyboards and analogue or digital joysticks.

Cross-32 Meta-Assembler

This professional table-based cross-assembler works with over 50 target processors (including ARM2 and 3), and has been used for some time on PCs. A RISC OS Desktop version by Baildon Electronics is now available. Cross-32 is user-friendly and supports conditional assembly and macros. Output is in absolute binary, or Intel or Motorola Hex formats (ideal for eprom programmers and emulators).

You can modify the tables supplied or add new ones to cater for new processors and opcodes.



ARC12,10 Frost drive, WIRRAL, Merseyside, England, L614XL Tel 051-632 1234 / 051-648 6287 Fax 051-632 3434

UK customers please add 171/2% to the total price. except for the zero-rated items marked VO , E.g., £100 × 1.175 = £117.50.

Carriage Free in mainland UK if you pay on ordering.

Overseas Add £6 (Europe) or £12 (elsewhere) for each software item if paying by pounds sterling bank draft payable in England, or Eurocheques not exceeding £100 each. If you are paying by credit card we will add airmail and insurance at cost. (Add £10 + 1% of the total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Pavment due in 14 days. Invoices subject to carriage and late payment charges.

Site licences Please enquire if no price is shown

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting.

Goods are guaranteed but we do not supply them on approval.

BBC / MASTER / **ELECTRON SOFTWARE**

BET Basic Editor and To	oolkit	
~ rom module	1CS	£19
rom in cartridge	ICS	f25
Powerfont NTQ	ICS	£13
Spellmaster rom	CC	£57
Wordpower	ICS	€36
 site licence (extra) 		£100
- extra rom		£7
 extra manual 		V0£7

ARCHIMEDES SOFTWARE

If it's not on the list, please ask for a quote. We will always try to match the best prices.

ABC Basic Compiler Accounts ANSI C Release 3 Apocalypse Archway (now in stock) Arcl ight ARC.PCB	Aco 4th Sim Ace Sil	£77 £243 £125 £72 £78 £40 £139
ARC-PCB	Sil	£139
- Professional	Sil	£276
Armadeus	Cla	£59

No carriage charges on UK cash orders

- Up-to-date stock no obsolete versions
- · Credit cards not debited until orders fulfilled

RETAIL PRICE LIST 1st May 1991

ARC12, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL Tel: 051-632 1234

- 2: Bookman, Chancery, Courier,

Schoolbook, Optima, Times £POA

CC

Min £52

Oak

Sil

Min 6.63

Bee £35

4th £15

Lin

Lon £47

CC £68

4th

Ser. £23

Bee £77

4ma 626

Cha £17

Cla €47

Cha £17

Lon £55

Lon C47

4ma £28

Pand £POA

Bee £51

MicS f17

Cha f19

Lon F109

each £29

Aco £82

Arm £60

£114

£114

£99

£92

F43

£650

£545

£435

V0 67

£15

€27 Cla

- 3: Dingbats, New Century

- Avant Garde / Bookman /

Gate Array Design/Teaching

Garamond

Pembroka

Fourier Analysis

Gammaplot

Genesis II

GerberPlot

GraphBox

Hearsay

Holed Out

Fortran 77 Release 2

education price

Hard Disc Companion

History Costume P

Hotlink Presenter

House of Numbers

Hyperbook Reader

(including Reader)

- network version

- site licence

- site licence

Inertia

Jiglet

Jigsaw

Logo

Magpie

Inspiration

Interdictor 2

Investigator 2

ISO C Devt 5ystem

Keyboard Player

Knowledge Organiser

Letters and Pictures

Maps and Landscapes 1 Cha f 19

Hyperbook f.lectronic Library

- extra manual for sites

- extra manual for sites

IMPRESSION JUNIOR V

IMPRESSION 2.1 VCC £126

- extra hardware key for sites £15

Font Pack

ABBREVIATIONS		Cal	Colton	Min	Minerva
Ace	Ace	ComT	Computer Tutorial	Oak	Oak
Aco	Acorn	Dat	Data Store	Pana	Panasonio
Арг	Apricote	Ðig	Digital Services	Pand	Pandor a
Ατπ	Armadillo	₽mr	FMR	Pil	David Pilling
Am	Arnor	Gra 0	raphics Factory	Ser	Serial Port
Агх	Arxe	Hum Hi	uman-Computer	Sil	Silicon Vision
Ato	Atomwide:	ICS	lan Copestake	Sim	Simtron
Aut	Autodesk	lfe	IFEL	Spa	Spacetech
Bai	Baildon Electronics	lot	lota	Sta	Star
Bee	Beebug	Irl	irlám	Sup Si	perior Software
Cal	Calligraph	Kad	Kador	Tec	TechSoft
Can	Canon	Lin	Lingenuity	4ma	4Mation
CC (ComputerConcepts	Lon Lor	ngman Logotron	4th Fo	ourth Dimension
Cha	Chalksoft	MicP	Micro Pawer	Ð	Draw format
Cir	Circle	MicS	Micro Studio	þ	Paint format
Crt	Citizen	Mid M	idnight Graphics	✓ On	special offeri
Cla	Clares	Mit	Mitre		
Artis	san II	Cla £4	4 Vogue		£43

Artisan II	Cla £44
Artisan Gallery	Cla £16
Atelier	Min £67
Autosketch CAD	Aut £69
Charts & Graphs	ComT £17
Chess 3D	MicP £18
Children's Graphics DP	MicS £16
Chocks Away	4th £19
- Extra Missions	£15
Clip Art. P	Gra £19
Clip Art D	
Colour Screen»Mac	Hum £90
 Arc/Mac Cable 	£24
Craftshop 1	4ma f28
 network version 	€34
Craftshop 2	4ma £28
- network version	£34
Cross-32 Meta-Assemble	
CIOSS-SZ MICLE-ASSEMBLE	Bai £175
D ataVision	\$il £114
Decorated Alphabet P	MicS £17
Designer Intro	Tec £75
Desktop Enhancer	Mit £26
Desktop Office	
Desktop Publisher	Aco £112
Disc Tree	Mit £37
DrawBender + Fonts	ICS £12
- site licence	€50
Drop Ship	4th C151
DTP Graphics 1 (Mono)	MicS £15
DTP Graphics 2 (Colour)	Mic\$ £17
DTP Seeds	4ma V0 £8
Easiword	Min £31
EQUASOR V	CC £41
L Type	4th £15
Euclid 2	Ace £52
Expression PS	CC £19
Film-Maker	
Financial Accountant	Sil £204
First Words and Pictures	
FLEXIFILE V	Min £101
Flying Start II	Mit £86
FontFX	Dat £9
site ficence (total)	£/0
Font Pack	Aco
Newhall / Starter / Sy	
· researching to report to 1 of	each £41
	ÇQÇI) L41
Foot Pack	Ree
Font Pack	Bee
Font Pack – 1 (already included wition): Paladin, Swiss 8,	rith Ova-

4 / 051-648 6287 Fax: 05	1-632	3434
Maps and Landscapes 2	Cha	£19
Mark Master	Cha	667
Mogul	Ace	£1B
Moveword	Cha	£17
MultiFS	Arx	F28
Multistore		€197
 site licence (total) 		1250
Nevryon	4th	£15
Note Invaders	Cha	£17
Numbers and Pictures	Cha	£17
Numerator	Lon	C65
Numerator Chaos	i.on	£18
Office Tools	Sil	£276
Olympics	4th	£15
Orrery	Spa .	£92
OVATION V	Ree	£75
Payroll	Min	£129
Pendown	Lon	£50
Extra Outline Fonts	Lon	£18
Personal Accounts	Арг	£23
PipeDream 3	Col	F118
Pirate	Cha	£17
Poster	4ma	F79
Powerband	4th	£19
Prehistoric Animals P	MicS	
Premier	Cir	£71
– DataBase	Cir	£25
- WordProc	Cir	£25
Presentation System	Sil	£61
Presenter Story	Lin	F149
Presenter II	Lin	F36
Printer Drivers, RISC OS		(34)
- Epson / Star / Citizen	COLOR	r E13
Pro Aπisan	Cla	£74
Professional PDT CAD	Oak	£353
Protext	Arn	£117
Puneman 1 and 2	Cha	£17
Puneman 3 and 4	Cha	£17
Puncman 5 to 7	Cha	£17
Real McCoy	4th	£24
Realtime Solids Modelle		£139
Render Bender	Cla	£58
Revelation	Lon	£68
Reversals	Cha	£17
Rhapsody 2	Cla	£46
Rhapsody Upgrade	Cla	£13
RiscBASIC Compiler	Sil	£114
RiscForth Compiler	Sil	£114
RISC OS Companion Vol		2114
	Oak	£49
RISC OS Programmer's		
Reference Manual		^{/0} £75
RISC OS Style Guide		^{/0} C11
RoboLogo	Sil	€75
SCHEMA V	Cla	£91
School Administrator	Min	£69
Score PMS	Emr	6499
ShareHolder	Sil	£139
ShowPage	CC	£125
Sigma Shee;	Min	653
Snippet	4ma	£26
SolidCAD	Sil	£109
SolidsRender	Şil	£109
Solid Tools	Sil	£278
Spark	Pil	fb
Speech!	Sup	F16
Spelling - week by week		E19
Splice	Ace	C25

15t may	13	J I
51-648 6287 Fax: 051	632	3434
ps and Landscapes 2	Cha	£19
rk Master	Cha	667
gul	Ace	£1B
	Cha	£17
	Arx	£28
		€197
site licence (total)	Ĺ	1250
	4th	£15
te invagers	Cha	£17
	Cha	£17 £65
	Lon Lon	£18
		£276 £15
rmpics rery	4th Spa	£92
ATION V	Bee .	£75
	Min	
ndown Extra Outline Fonts	Lon Lon	£50 £18
Extra Outline Fonts rsonal Accounts	Арг	£23
eDream 3	Col	F118
ate	Cha	F17
ster	4ma	F79
werband	4th	£19
ehistoric Animals P	MicS	
emier	Cir	f71
- DataBase - WordProc	Cir Cir	£25
esentation System	Sil	£61
esenter Story		F149
esenter II	Lin	F36
nter Drivers, RISC OS	Ace	
- Epson / Star / Citizen		
Artisan	Cla	674
ofessional PDT CAD ofest		£353 £117
noman 1 and 2	Cha	£17
noman 3 and 4	Cha	£17
noman 5 to 7	Cha	£17
ieal McCoy	4th	€24
altime Solids Modeller		£139
nder Bender	Cla	£58
velation	Lon	£68
versals	Cha	£17
apsody 2	Cla	£46
apsody Upgrade scBASIC Compiler	Cla Sil	£13 £114
scForth Compiler	Sil	£114
SC OS Companion Vol.		
	Oak	£49
SC OS Programmer's		
Reference Manual	Aco)	^{/0} £75
SC OS Style Guide		^{/0} C11
boLogo	Sil	€75
CHEMA V	Cla	£91
hool Administrator	Min	£69
ore PMS	EMI.	£499 £139
areHolder owPage	Sil CC	£125
rma Sheet	Min	£53
ippet	4ma	
lidCAD	Sil	£109
lidsRender		F109
lid Tools		£278
ark aacht	Pil Sun	F5 F16
eech! olling , week by week	Sup	E16

SQUIRREL V	Dig £	102
 Econet or site licence 		f475
Studio 24 Plus	Emr	F149
Super Dump	Sil	£24
Super Plot	Sil	C32
System Delta Plus II	Min	C54
Timetabler	Min	£575
Timewatch	Mit	£25
Toolkit Plus	Cla	637
Tools Graphics U	MicS	£24
Touch Type	lot	£41
Tracer	Mid	F4B
Tween	Ace	£25
TWO (Task and	MUE	LZS
	ICS	
	100	£19
 site licence 		£60
Utility Disc 1	Dat	£13
Utility Disc 2	Dat	£13
View»Mac 3	Hum	
 Arc/Mac Cable 		£24
Wimp Game	4th	C15
Wordpower (Archimedes		
	ICS	£36
~ site liconce (extra)		£100
Words and Pictures	Cha	£17
World Geography Maps		
	MicS	£24
World Wildlife P	MicS	£16
1 st Word Plus	Aco	683
PRINTER:	s	
ArcLaser	Cal	£906
Bubble Jet BJ-10e	Can	£276
- Sheet feeder	Cail	£54
Bubble Jet BJ-300	Can	
		£535
Bubble Jet BJ-330		
KX-P1123		£199
KX-P1124		£226
 32k ram for KX-P112 		£20
KX-P1624		C369
Laser Direct Qume	CC	£856
Laser Direct LBP-4 Card	CC	£309

Rebuilt Canon Toner cartridge £45 Archimedes parallel printer cable £8 **FUNCTION KEY STRIP**

600 dpi including toner CC £1340

LC24-10 32k ram card Sta £61

Can £750

Cit £279

ORGANISER		
Arckey II	cs	VQ (
quantity of 4		₩ E.

Laser Direct LBP-8 8 ppm

LBP-4 4 ppm

Swift 24 Colour

MEMORY, ARN	/13 I	ETC
Fitting extra unless	state	d
f fitting is straightf	orwa.	rd
‡ f itting requires ex	perti.	se
A3000 2Mb 1	Ife	£69
A3000 4Mb t	lfe	f243
A310 2Mb ‡	lfe	f215
 as above including fit 	tting	£259
A310 4Mb †	lf€	£PO#
 as above including fit 	tung	£PQ#
8Mb A400/1 / A440 / R1-	40	
	Ato	£699
EMRA		£400
4-slot 4-layer Backplane	lfe	£57



HARD DISC PRODUCTS **☆ LOWER PRICES! ☆ NEW ADDITIONS!**

The number at the end of a product name is the capacity in megabytes. An L indicates a 1 inch high disc: two of these may be fitted in the same cradle or external case, sharing the same controller card. An S indicates a 2½ inch wide disc mounted directly on the controller card.

Our 'upgrades' are fully guaranteed and include the ideA controller card, a fan (where needed), and everything else you will require. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400/500 series internal

uugrade			
IDEARCIN20S	23ms	û	£475
IDEARCIN40	28ms	众	£289
IDFARCIN40L	25ms	÷	£329
IDEARCIN801	19ms		£449
IDLARCIN120L	19ms	12	€599
IDLARCIN700	15ms	ø	£879

A300/400/500 series external

upgrage	
(May also be fitted	to A3000 exter-
	ot using a podule
case or racking s	system)
IDEARCEX40	28ms £42
IDEARCEX40L	25ms 🏚 £47
IDEARCEX80L	19ms £59
IDEARCEX120L	19ms 🕸 £73
IDEARCEX200	15ms £103

A3000 fully interoc	al upgrag	e.	
1DEA3IN20	23ms	ú	£375
IDEA3IN40 (ready	May?)	û	CPQ/
IDEA3IN60 (ready	June?)	ŵ	FPO
Fitting if required			€2

A3000 external upprade. (External drive using internal expansion slot; can combine with PRES Disc Buffer Board) IOS ARE YAC etc.

IDEMOLATO GIC	
- prices as IDEARCEX40 etc	+£10
Fitting if required	€25

Additional hard discs					
	IDEA40L	40Mb	25ms	ů	£209
	IDEA80L	80Mb	19ms		£329
	IDL'A120L	120Mb	19ms	ů	£475

A3000 accessories IC PLINTH SPECIAL! & £18

ideA controller cards and accessories

(For use with your own IDF hard discs; we can only accept responsibility for performance with discs we have tested ourselves) IDEARCIN Archimedes Intern £110 IDEARCEX Archimedes Extern £140 IDEA3EX A3000 External

Internal hard disc cradle kit £15 £10 Fan kit (Standard) Case with power supply & fan £125 Fan kit (A3000 Internal) €15

Recommended for backing up Beebug Hard Disc Companion £35

Recommended for ease of use ICS Task & Window Organiser £19

ICS FONTS

1st Word Plus First Fonts PipeDream PipeDrivers Wordpower Power Fonts

Please ask for details of our range of Symbol Sets and Typefaces for most printers. For example:

Star LC-10 typefaces Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

ProcDriver Dot 1

For dot matrix printers with more features than PipeDream knows what to do with - provides access to resident and download fonts, ink colours, variable print size and line spacing etc.

ODDULES

£49 AnDi Bai Oddule Adaptor Bai (needed with your first Oddule unless you have an I2C socket)

KEYBOARD COVERS

Seal 'n Type (spill-proof) - Archimedes Kad f14 .. 43000 £14 Kad

SCANNERS

£587 ı Scan CC £341 Scan Light A4 - as above + Sheet Feeder £432 CC £175 Scan-Light Junior - A3000 version (internal) £175

From our postbag

We were most satisfied with the work you did in upgrading the A310. The hard disc has worked satisfactorily. The speed of service you gave in doing the work was appreciated. If you ever want someone to put in a word of commendation we have no objection.

EAGE SO36 91AP27

Removable SCSI Drives

The prices of the MR45 and the Atomwide removable SCSI drives have dropped even further! We've been able to take a further £30 off the prices bringing them down to £765 with an Oak SCS1 podule and £565 without (or £745 with a Lingennity podule) and the spare cartridges are now down to £75 each.

Monthly Program Disc

We are going to try, from now on, to get the monthly program disc ready in time to put information about it onto the Price List, so here it is ...

Draw 11/2: sample files

Hints: txt C library + off-screen templates & virtual screen application.

Multi-media Column: !Sound application Matters Arising: C to Impression utility

RISC-OS Applications part 1: !Ultimate - example application.

EXTRA: Demonstration of the PEP Associates Speech

(I said we'd try to find a PD virus killer to put on the monthly program disc - we are so efficient that we already put one on last month's program disc!)

A400/1 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

May Sales

We still have one or two items we want to clear from our stock list

Hardware

· A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) + £650 (was £720)

Software

Wordwise Plus (ARM code version) - £25 (was £31) U.I.M. -- £14 (was £28) Olympics - £9 (was £19)

Charity Sales

In addition to the bits on page 3 of the magazine, we also have:

 Genesis 1 - £40 (upgrade to Genesis 2, from Oak) Solutions, is £52.13 +VAT = £61.25)

Bulletin Board Password

The password for the Archive bulletin board is 'speech' - phone 0603-745932,

A540 Special Prices?

I have decided that I might as well come clean about the A540's that I mentioned in the inside front cover. I have had A540's on order for ages and they have been coming through, one at a time, VERY slowly. The trouble is that all of a sudden, three came through and they are all sitting in stock. I really cannot afford to be holding £10,000 worth of computers in stock so I need to sell them fairly soon. If you want a 540 (but not on invoice, sorty! - well, 7-day invoice, maybe) give us a ring and we'll see what we can arrange.

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603–766592, Fax –764011)

Price List – Mav 1991

Archive Members' Pr
(All prices include VAT and UK carriage) (Numbers in brackets refer to issues of Archive magazine.) (*means either 'new product' or 'new price') Shareware Discs № 0 to 26 & 30 to 39 - £3 each Any 10 Shareware discs - £27 Careware Discs № 1 to 12 - £6 each Prog. Disc Vol. 1 Issues 1 - 6 inc. on one disc - £3 Program Discs 1.7, 1.8, 1.9 etc - £3 each(3.8.2) Volume 1 to 3 program discs (31) - £65 Volume 3 program discs (12) - £28 Volume 4 program discs advance booking (12) - £33 Archive back issues - £2 each
Oak SCSI Hard Drives
All Oak drives and tape streamers INCLUDE a podule.
Subtract £100 if you want a drive without a podule.
A300/400 SCSI hard disc podule – £230
New software for SCSI podules - £12(4,7.9)
WorraWinnie SCSI Drives for 300/400(4.7.9)
20M internal drive + podule - £350
45M internal drive + podule ~ £450
80M internal drive + podule - £650
100M internal drive + podule - £860 200M internal drive + podule - £1270
20M external drive + podule - £400
45M external drive + podule - £500
80M external drive + podule - £700
100M external drive + podule - £910

(All prices include VAT and UK carriage)	A3000 Y			
(Numbers in brackets refer to issues of Archive magazine.)	20M (
(* means either 'new product' or 'new price')	45M (
Shareware Discs Nº 0 to 26 & 30 to 39 - £3 each	80M			
Any 10 Shareware discs – £27				
Careware Discs Nº 1 to 12 - £6 each	200M (
Prog. Disc Vol. 1 Issues 1 - 6 inc. on one disc - £3	A3000 S			
Program Discs 1.7, 1.8, 1.9 etc – £3 each(3.8.2)	Atom			
Volume 1 to 3 program discs (31) - £65	(Pr			
Volume 3 program discs (12) – £28	External			
Volume 4 program discs advance booking (12) +£33	Externa			
Archive back issues - £2 each	Externa			
Binder volume 1, 2, 3 or $4 - £5$ each(1.7.3)	Externa			
Binders 1 to $4 - £17$ for four	Extra 42			
3.5" Discs, top quality + 10 for £13, 50 for £60				
Archimedes A300/400 dust cover – £10	Micro			
Archimedes A3000 dust cover – £10	(Pr			
Annual Service Kit (2 batteries + fan filter) - £3	Externa			
Oak SCSI Hard Drives	Externa			
All Oak drives and tape streamers INCLUDE a podule.	Externa			
Subtract £100 if you want a drive without a podule.	Externa			
A300/400 SCSI hard disc podule – £230	Extra 42			
New software for SCS1 podules – £12(4.7.9)	Ator			
	(P			
WorraWinnie SCSI Drives for 300/400(4.7.9)	Internal			
20M internal drive + podule - £350	Externa			
45M internal drive + podule - £450	Internal			
80M internal drive + podule - £650 100M internal drive + podule - £860	Externa			
200M internal drive + podule - £1270	Externa			
20M external drive + podule - £4270	Externa			
45M external drive + podule - £400	Internal			
80M external drive + podule - £500	Externa			
100M external drive + podule - £910	Internal			
200M external drive + podule = £1320	Externa			
•	Externa			
High Speed SCSI Drives for 300/400(4.7.9)	Externa			
40M internal drive + podule - £530	2			
80M internal drive + podule - £740	(P			
100M internal drive + podule - £1040	Internal			
200M internal drive + podule - £1550	Externa			
40M external drive + podule - £740	Internal			
80M external drive + podule - £940	Externa			
100M external drive + podule - £1250	Externa			
200M external drive + podule - £1760	Externa			
Oak ELITE SCSI Drives for 300/400(4.7.9)	Externa			
40M external drive + podule - £880				
80M external drive + podule - £1240	Internal			
100M external drive + podule - £1450	Internal			
200M external drive + podule - £1820	Internal			
300M external drive + podule - £2470				
640M external drive + podule - £3080				

13000	WorraWinnie external drives	
20M	external drive + podule - £400	(4.3.15)
45M	external drive + podule - £500	(4.4.2
80M	external drive + podule - £700	(4.4.2)
100M	external drive + podule + £910	
200M	external drive + podule - £1320	ı
13000	SCSI hard disc podule - £230	

wide Removable SCSI Hard Drives

rices include cables and one 42M cartridge) al 42M (20ms) (w/o podule) - £565(4.7.12) al 42M +Oak A300/400 podule -- £765 al 42M +Oak A3000 ext podule - £765 al 42M +Lingenuity A3000 int podule - £745 2M cartridges – £75

oNet Removable SCSI Hard Drives

rices include cables and one 42M cartridge) al 42M (20ms) (w/o podule) -£565(4.1.47) al 42M +Oak A300/400 podule - £765 al 42M +Oak A3000 ext podule - £765 al 42M +Lingenuity A3000 int podule - £745 12M cartridges - £75

mwide SCSI Hard Drives (<17 ms)

(Prices include cables - specify podule type)
Internal 48M (w/o podule) + £330(4.7.10)
External 48M (w/o podule) - £420
Internal 48M (Oak podule) – £530
External 48M (Oak podule) - £620
External 48M (Oak A3000 ext podule) - £620
External 48M (Lingenuity A3000 int podule) – £600
Internal 100M (w/o podule) – £540(4.7.10)
External 100M (w/o podule) ~ £640
Internal 100M (Oak podule) - £740
External 100M (Oak podule) - £840
External 100M (Oak A3000 ext podule) - £840
External 100M (Lingenuity A3000 int podule) - £820

ZCL SCSI Hard Drives (<17 ms)

EGE 6661 (1014 B) (1705 (17) (115)	
(Prices include cables + specify podule type)	
Internal 48M (w/o podule) - £330(4.7.10)	
External 48M (w/o podule) – £420	
Internal 48M (Oak podule) - £530	
External 48M (Oak podule) - £620	
External 48M (Oak A3000 ext podule) - £620	
External 48M (Lingenuity A3000 int podule) - £600	

Oak ST506 Hard Drives

al 20M (28ms) drive for A400 series - £220 al 40M (28ms) drive for A400 series - £340 al 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier 50-disc copier, software & leads - £2750 (4.2.2, 4.4.2)	Econet module – £53
A400 / 500 Computers & Upgrades	I.F.E.L. 4-layer 4-slot back
A410 - £1290 (inc £100 Archive voucher)	Podules & Ext
A420 Learning Curve - £1520 (+ £100 voucher)	5.25" drive interface (CJ Mi
A440 equivalent - £1840 (+ £100 voucher)	5.25" drive interface (Digita
A540 - £3520 (+ £200 voucher)	ROM Podule – £54
4M Ram card for A540 – £540	with battery backup - £64
Ram for A410 - £60 per Mb (+ £10 if fitting req'd)	32k RAM chips – £16
Single RAM chips (in case you damage one!) – £8	Atomwide prototyping boar
ARM3 – 24MHz (Aleph One) – £470(4.1.13)	Bare board with V1.3 RO
ARM3 – 25MHz (CJE Micros) – £400(4.1.3)	Fully built with ROM - £
Fan Speed Controller – £21(4.5.2)	Fully built with RAM – £
Econet module – £53	APEC utilities disc - £5
Replacement keyboard for 400/1 - £123	Colour Digitiser Hawk V9
Replacement 3.5" drive for $400/1 - £72$ (3.5.3)	Ethernet Card – £276
A3000 Computers & Upgrades	Floating Point Co-Processo
A3000 computer - £695 (inc £50 free s/ware)	I/O Podule – £90 New software for I/O Podul
A3000 Learning Curve – £817	Joystick (Voltmace) – £26
A3000 Jet Set Pack – £725(4.1.4)	Joystick/switch – £19
1 Mb A3000 upgrade (Morley) – £82(3.3.3/3.6.2)	Midi podule – £76
3 Mb A3000 upgrade (Morley) – £245(3.3.3/3.6.2)	Midi podule upgrade softwa
1 Mb A3000 upgrade (Atomwide) – £82(3.10.2)	Marconi Trackerball – £56
3 Mb A3000 upgrade (Atomwide) – £280(3.10.2)	ScanLight Plus (A4) - £43
A3000 Econet Module – £53	Sheet feeder for Scanlight I
A3000 Serial upgrade – £21	ScanLight Plus Junior - £2
A3000 User Port & Midi – £53	ScanLight Plus Junior A30
Midi upgrade software – £10(3.6.2)	SCSI podule for A300/A40
A3000 User & Analogue Ports (Morley) – £74 (3.6.2)	SCSI podule for A300/A40
A3000 Ext 3.5" drive for A3000 – £138(3.6.2)	SCSI podule for A300/A40
SCSI podule for A3000 (Lingenuity) – £170	<u>-</u>
SCSI podule for A3000 (Oak) + £230	Connector
Monitors & Accessories	Keyboard extension cable - Modem connecting lead -
Acorn (Philips) monitor - £255	Printer cable (Centronics) -
Philips CM8833 14" monitor – £285(2.9.2)	SCSI cable IDC to Ampher
Eizo 9060SZ 14" multi-sync – £530(3.7.2)	SCSI cable D-type to Ampl
Taxan 795 14" Trinitron m-sync – £600(4.1.6 + 21)	SCSI cable Amphenol to A
Eizo 9070SZ 16" multi-sync – £900(3.10.2)	SCSI cable IDC to IDC – £
Microvitec 20" multi-sync – £1450	
VIDC Enhancer – £36(3.10.21)	Printers & /
A3000 Monitor stand – £34	Panasonic KXP1081 9-pin
Long monitor lead with sound (SCART) - £16 (3.12.2)	Panasonic KXP1124 24-pii
TM "Julata-a (DCD) + HHE) CCC	22k huffer ship for KVD11

TV modulators (RGB -> UHF) - £56

A310 / A440 Upgrades

Econet module – £53
Acorn 2-slot backplane (inc fan) – £43
I.F.E.L. 4-layer 4-stot backplane (inc fan) - £67
Podules & External add-ons
5.25" drive interface (CJ Micros) – £36
5.25" drive interface (Digital Svcs) - £39(4.1.2)
ROM Podule – £54(1.7.44)
with battery backup - £64
32k RAM chips – £16
A tomwide prototyping boards (A A A6)
Atomwide prototyping boards(4.4.46) Bare board with V1.3 ROM - £33
Fully built with ROM – £44
Fully built with RAM – £50
ADEC WITH RAW - 150
APEC utilities disc - £5
Colour Digitiser Hawk V9 – £368(3.7.13)
Ethernet Card – £276(4.1.2)
Floating Point Co-Processor - £580(4.2.43)
I/O Podule – £90(1.7.38)
New software for I/O Podule - £12(3.6.2)
Joystick (Voltmace) - £26
Joystick/switch - £19(4.1.4)
Midi podule – £76(3.2.26)
Midi podule upgrade software – £16(3.6.2)
Marconi Trackerball – £56
ScanLight Plus (A4) - £434(2.12.49)
Sheet feeder for Scanlight Plus - £107
ScanLight Plus Junior - £209
ScanLight Plus Junior A3000 - £209
SCSI podule for A300/A400 (Acom) - £276
SCSI podule for A300/A400 (Lingenuity) - £189
SCSI podule for A300/A400 (Oak) – £225
-
Connectors & Cables
Keyboard extension cable – £8
Modem connecting lead - £12
Printer cable (Centronics) - £10
SCSI cable IDC to Amphenol – £16(4.7.12)
SCSI cable D-type to Amphenoi - £16(4.7.12)
SCSI cable Amphenol to Amphenol - £16(4.7.12)
SCSI cable IDC to IDC - £16(4.7.12)
·
Printers & Accessories
Panasonic KXP1081 9-pin printer – £158
Panasonic KXP1124 24-pin printer – £281
32k buffer chip for KXP1124 – £16
Cut-sheet feeder for KXP1124 - £128(3.10.3)
Ribbons for KXP1124 - £11 each(3.10.3)
Centronics Printer cable - £10
Laser Direct 300 dpi $-$ £1100 (3.9.3 + 3.10.3 + 3.12.6)
Laser Direct 600 dpi (LBP8) - £1595(4.1.2)
Canon LBP4 – £970(4.1.2)
LD interface for LBP4 - £380(4.1.2)
ArcLaser - £1065(3.11.3 + 3.12.6)
Qume toner set – £77(4.1.4)
Quine drum set $-$ £97(4.1.4)
Toner cartridge for LBP4/8 – £82
TOTAL CHARGE TOT TO ALO - TOT HIMMINGHOUSE

BASIC V Dabhand Guide - £9	(2.9.2)	Inertia - £19	(3.12.43)
C Dabhand Guide - £14	(2.1.28)	Interdictor 2 – £33	(4.2.17)
C Guide Disc - £9		Iron Lord - £19	(4.5.3)
DTP Seeds - £8	(4.5.3)	Jet Fighter - £15	(2.3.2)
Guide to Acorn DTP (inc. disc) - £18	(3,4.55)	Last Days of Doom/Hezarin - £20	(3.7.3)
Operating System Book -£14	(2.6.45)	Maddingly Hall - £15	
Operating System Disc - £9	(2.6.45)	Mad Professor Mariarti - £19	(4.5.3)
RISC-OS Prog Ref Manual - £75		Mah Jong Patience - £19	(4.3.3)
Z88 Dabhand Guide - £14		Man at Arms – £20	(3.11.58)
Camaa		Memory Magic - £16	(3.11.3)
Games	(3.3.50)	MicroDrive - £19	
Adventure Lang Prog System (ALPS) - £33	(3.5.50)	MicroDrive Extra Courses - £15	(4.3.3)
Alerion - £15		MiniPack5 - Fireball II + Fish + Pon - £28	(3.5.41)
Atten Invasion - £15		Minotaur – £15	
All-in Boxing -£15	(2.10.42)	Missile Control – £15	(1.10.47)
Apocalypse – £29		Nevryon – £19	(4,1.53)
Arcade 3 Compilation – £14		Olympics – £20	(3.9.58)
Arcade Soccer – £19		Orion – £15	(2,1.45)
Arc Trivia – £24		PipeMania – £24	
ArcPinball – £24	• ,	Plague Planet - £15	(2.10.48)
Ballarena – £19		Powerband – £24	
Blowpipe – £20		Pysanki - £19	
Bug Hunter/MoonDash - £18		Quazer – £11	
Bug Hunter in Space – £18		Redshift - £18	(3.12.3)
		Repton 3 – £19	
Caverns - £18		Return to Doom - £20	(4.7.27)
Cheat it again, Archie – £11		Rotor – £24	(3,7.3)
Cops (Adventure) - £19		Square Route - £19	(4.5.4)
Crisis – £28		Star Trader – £17	
Drop Ship - £19		Superior Golf - £19	(3.12.19)
Enthar-7 – £27		Talisman – £15	
E-Type – £19		The WIMP Game - £19	(4.3.42)
E-Type Designer – £17		Thundermonk – £15	(2.5.3)
E-Type Extra 100 miles - £17		Trivial Pursuit – £28	(3.6.41)
Family Favourites – £19		Twinworld – £19	(4.7.50)
Fireball II – £24		U.J.M £29	(3.7.21)
Fireball II + Fish + Pon (MiniPack5) - £28		WordUpWordDown - £17	
Freddy's Folty - £15		Worldscape - £20	
Herewith the Clues! – £24		Zarch - £19	(1,2.33)
Holed Out - £19		Z88	
Holed Out Extra Coures 1 – £17		Z88 Computer – £235	
Holed Out Extra Coures 2 – £17		128k RAM pack – £50	
		128k EPROM pack – £50	
Holed Out Designer - £19 Hostages - £20		EPROM craser – £40	
· ·		Archimedes link – £36	
Hoverbod – £15		Carrying case – £10	
(bix the Viking - £19 ,	(3.1.43)	Mains Adaptor – £10	
		жана спария - 210 политовити	



Our A310 series RAM upgrades consist of two multilayer circuit boards and allow the expansion of the A310's memory to either 2 MB or 4 MB of memory. With the extra RAM, it's possible to use !Draw, !Paint and !Edit together, and still have space left over for

DTP and other memory-intensive applications.

The RAM chips are situated underneath the podule area, away from the disc drives, so there is no risk of overheating. Use of all four podule slots is maintained by compact board design.

Both boards are of four-layer design, ensuring that any cross-interference is elliminated. Large ROM sockets are used to ensure future compatibility. Boards can be upgraded from 2 to 4Mb by adding more RAM chips. MEMC1a upgrades (AKA22 - £79.35) are included free with each board.



ATOMWIDE can supply the Aleph One ARM3 upgrade to fit A310, A440 and A400/1 Archimedes computers. The Aleph One ARM3 upgrade replaces the existing processor in your Archimedes with the next generation of processors from Acom.

It is 100% Acorn compatible and needs no soldering, though it still must be fitted by an Acorn approved Component Level Service Center. Atomwide is qualified to fit the Aleph One ARM3 upgrade and will either fit the card on the spot if you bring your machine (ring to make an appointment) or will collect and return your machine for free.

If you have an A310 or an A440 it will need to be fitted with a MEMC to upgrade before the ARM3 can be fitted. This is available from Atomwide or any Acorn dealer and also must be fitted by a Component Level Service Center.

The exact speed improvement depends on the task in hand but in general, the upgrade gives a 3 to 4 fold improvement on most applications. The speed increase will be greater in some cases.



The VIDC Enhancer is a simple hardware/software upgrade which allows any Acorn Archimedes (or A3000) to produce even higher resolution screens than it could before. This means greater detail on

your computer aided design, bigger page views on your desktop publishing and more work area in the desktop.

The VIDC Enhancer is supplied with a variety of new modes of superior resolution specifically written to drive the popular range of Taxan and Eizo monitors. Also included is a RISC OS application to provide complete control through the desktop environment. The world of high performance monitors is opened up to give Super VGA resolution and beyond. The new desktop mode gives nearly 4 times the work area with the same level of detail.

The VIDC Enhancer may be used in conjunction with user generated mode extension modules so a programmer can tailor new modes to suit his or her own particular needs or drive unusual rnonitors. In addition, it may be used to allow high scan rate monitors to display screen modes normally reserved for slower monitors - thus modes 0 though 17 may be used on standard VGA monitors.



The Archimedes Prototyping Expansion Card (APEC) consists of a high-quality PCB which occupies a single-width expansion slot and offers a large area of prototyping 'square pad' complete with space for a

pre-decoded backplane interface. It allows small to medium sized electronics to be constructed quickly and simply using any of the common wiring techniques (e.g. wire-wrap). By taking advantage of the APEC's on board expansion interface zero design time is required to produce 8-bit memory-mapped and/or interrupt-driven (IRQ and FIQ) hardware interfaces. Approximately 55% of the APEC is devoted to a 0.1" pitch grid of

Approximately 55% of the APEC is devoted to a 0.1" pitch grid of square solder pads. This area will accept IC sockets and passive components for interconnection using any of the popular prototype wiring techniques. The square pad area extends up to

the edge of the APEC to allow connectors to be mounted on the Archimedes back panel. The area next to the 64 way backplane connector is tracked out to accept a buffered 8-bit bi-directional expansion interface to Acorn specifications. Any amount of this interface may be populated according to needs. Its functions are summarized below.

Interface

full data, address and control signal buffering expansion selection and bus control de-multiplexing four pre-decoded read strobes four pre-decoded write strobes

Software support

28 pin RAM/ROM socket for interface control

software

memory mapped paging register to expand address

space

manual device selection from 2K to 64K bytes manual Write enable selection for RAM devices

Interrupt control

IRQ and FIQ latches to Acorn specification Interrupt status flagging using switching technique

Customers in the U.K. who purchase ATOMWIDE 8Meg, A310 RAM or Aleph One ARM3 upgrades can have these fitted for free by ATOMWIDE. ATOMWIDE will arrange for the Archimedes to be couriered to Orpington and back free of charge when the upgrade is purchased. This way you can rest assured that the upgrade will be fitted by experts and your machine will be out of action for the minimum amount of time.

ATOMWIDE









The Atomwide A3000 RAM upgrade lets you overcome the 2MByte barrier on your Acom BBC A3000. High powered Desk Top Publishing and database systems can be run with a number of documents open at the same time. Furthermore,

more memory can speed up printing from most RISC OS applications.

The unique design allows either 2 or 4 Mbytes of memory simply by changing the memory chips. If you do not need 4MB at the moment you can buy the 2MB card and trade in the chips when you want to expand. Eight RAM chips are used regardless of whether 2 or 4Mb are fitted. This means that the load on the computer is kept to the minimum so there is no chance of overheating as can happen with other, more complicated, memory expansions.



The Atomwide 8MB upgrade is fully hardware compatible with other Acom equipment. It is also compatible with other upgrades, including the Aleph One ARM3. RiscOS users on all 400-series models will

appreciate the effects of larger font caches and increased space for DTP applications and printing.

R140 owners will find that with more RAM, RISCIX won't need to "page" memory to and from disc as often. The resulting performance increase is considerable. This tackles the major criticism that has been levelled against the R140 as a competitive workstation.

Software developers can set up a RAM disc with room for all the required compilers, linkers, header files and libraries and still be able to run the compiler in a task window from the desktop. The Atomwide 8MB Upgrade is available direct from Atomwide or from any good Acorn dealer. It must be fitted by an Acorn approved component level service center (such as Atomwide itself) in order to preserve the Acorn warranty. It is suitable for A440, upgraded A400/1 & R140 computers.

In the News



DrawBender makes Draw files follow a shape of your choice. A useful addition or cheap alternative to Poster, available with or without a set of three decorative fonts. The example above was made using DrawBender with FontFX.

We will send a £25 voucher to the purchaser who thinks of the best new name for it!

Equasor

$$n = \sum_{m=1}^{1/2} \left| \frac{AAA^{[2+al^{m+1}]}A}{\sqrt{b - C} - c + d_{k-1}} \right| + n$$

This wysiwyg equation building application, with its own mathematical, Greek and other symbols, is now available from stock.

Wordpower

Still the best for the Electron, Master and BBC.

"I have yet to find a wordprocessor that gets close to it for usability and quality of output," said BEEBUG magazine recently.

Schema in stock

RISC User decided that this spreadsheet "has to be the first, if not the only choice". We now have the full (very stylish) package in stock, complete with manual.

Squirrel

You would be nuts not to order this new database from Digital Services at our special offer price of £109! Delivery is expected in January.

BASIC Editor and Toolkit

BBC, Master and Electron users will find BET makes the creation and editing of BASIC programs a real pleasure and encourages the development of a good programming style (Archimedes owners will

envy its facilities). Full details on request.

Citizen Swift 24

For a limited period we are offering the colour version of this printer for only £279!

MisMatch

A delightful new version of the Polmanism memory game for all age groups. Excellent graphics and (controllable) sound. An ideal introduction to the Archimedes for fiveyear-olds. Grown-ups will find it addictive but good for the mind!

PipeDrivers

If your dot matrix printer has more features than Pipe-Dream knows what to do with, you need Pipe-Driver Dot 1. It provides access to resident and download fonts. ink colours, variable print size and line spacing etc. Like our First Fonts for 1st Word Plus and Power Fonts for Wordpower, PipeDrivers can make foreign language and scientific word-processing a pleasure. And our 24pin and LC-10 typefaces will brighten your output at full printer speed.

Arckey

With more applications on the market a function key strip organiser is indispensable. Arckey users do it without glue! Suitable for BBC and Master too.

Poster

Use it on its own or with any DTP program to produce endless special effects at any size. Our price includes a site licence, a range of clip art and borders, and 20 fonts which can also be used with other programs.

TWO

TASK AND WINDOW ORGANISER

Group a number of tasks together and start them up with one double-click on the mouse. Applications can be run, files loaded, directories opened, and star commands executed.

Up to 42 task groups may be defined very easily and listed on the screen when the computer starts up. A great help when inexperienced users need access to the system, and a welcome time-saver for old hats.

TWO will instantly re-arrange windows in rotating stacks, piles or a space of their own. No more hunting for the missing one! TWO will also save configuration settings, set Copy and Wipe options, or blank the screen after a specified period of inactivity.

New from Ian Copestake Software

£19 + VAT Sites £60

t last there is a high-quality range of hard disc upgrades at affordable prices. The *ideA* range from ICS.

For those who haven't heard, the *ideA* is a brand new hard disc interface for Archimedes and A3000 computers. 'IDE' stands for Integrated Drive Electronics. As the name suggests IDE hard discs have sophisticated electronics built into them, allowing the computer interface to be simpler, cheaper and more reliable. Transfer and

access speeds can also be enhanced.

Most IDE discs are autoparking, and some have the ability to switch themselves off to save power during periods of inactivity.

Now for the first time we can offer Archimedes users products previously available only in the PC world.

Although the *ideA* is new, you can use it just like the familiar ADFS. All properly written software will work as usual and there is no conflict of *ideA*s with existing ADFS or SCSI drives. PC partitioning is fully supported.

Fitting a hard disc in an A300/400 series computer is straightforward and clear instructions are provided. All discs supplied by us are tested and formatted. The complete upgrade kit includes a disc cradle and fan, and is called for example **IDEARCIN40**. The 40 at the end indicates the hard disc capacity: our Price List shows the sizes currently available (others will be added very soon).

A backplane is not needed on the A310 unless you wish to connect other podules. In that case you must use a high-quality four-layer backplane such as the one we offer.

One of the most exciting products in the ideA range is a fully internal hard disc upgrade



for the BBC A3000. Ideal for schools or any location where space is restricted or security and portability are

important. The **IDEA3IN20** uses one of the latest 2½" 20 megabyte low-power discs (ask for the latest news about larger capacities). Your floppy disc is unaffected by this upgrade.

Installing the A3000 upgrade is quite easy, but it could be dangerous for inexperienced users to open the computer. So our price for this particular product includes collection and fitting at our service centre. (Please make sure we have your daytime and evening telephone numbers so we can arrange this). Deduct £10 if you do not require the A3000 fitting service.

Ian Copestake Software will be producing a range of other accessories for the A3000. First to arrive is **IC PLINTH**, a steel monitor stand to which you can later add **IC HOUSE**,

our hard and floppy disc drive housing (ready very soon). The Plinth can take a variety of 14" monitors yet occupies less than 18" from

front to back when in use. It has anti-slip feet and may be fixed to a desk. Assembly is easy. There is full access to the mains switch and floppy disc drive, while the reset switch is accessible but guarded.

The *ideA* hard disc controller is also available on its own for those who are confident of choosing a suitable IDE hard disc themselves. The product reference is **IDEARC**. We must point out that we can only accept responsibility for the performance of the *ideA* interface with discs we have tested.

ideA PRICE LIST

IC HOUSE		T.B.A.
IC PLINTH		£21
IDEA3IN20	23ms*	incl fitting £499
IDEARC		£110
IDEARCIN40	28ms*	£349
IDEARCIN80	19ms*	£499
IDEARCIN135	28ms*	£699
IDEARCIN200	15ms*	£899
IFEL 4-slot 4-lay *Average access	er Backr	olane £57
*Average access	times, subj	ect to improvement

FREE! Hard Disc Companion

worth £35 when you spend over £350 on an ideA hard disc (limited period, direct sales only)

Ask about our special evaluation offer for LEAs and Acorn dealers





RETAIL PRICE LIST 11th January 1991

ARC9, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL Tel/Fax: 051-648 6287 Internat: +44 51 648 6287

VAT UK customers please add 15% to the total price, except for the zero-rated items marked VO.

Carriage Free in mainland UK if you pay on ordering.

Overseas Add £6 (Europe) or £12 lelsewhere) for each software item. and pay by credit card or pounds sterling bank draft payable in England (add £10 + 1% of total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Payment due in 14 days, Invoices subject to carriage and late payment charges

Site licences Please enquire if no price is shown.

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting

Goods are guaranteed but we do not supply them on approval.

BBC / MASTER / **ELECTRON SOFTWARE**

BET Basic Editor and To-	olkit	
 rom module 	ICS	£19
 rom in carrridge 	ICS	£25
Powerfont NTQ	ICS	£13
Power Forts	IÇŞ	
 see separate panel 		
Spellmaster rom	CC	€52
Wordpower	ICS	£36
- site licence (extra)		£100
 extra rom 		£7
 extra manual 		VCE7

ARCHIMEDES SOFTWARE

If it's not on the list, ask for a quote. We always try to match the best prices.

jorra (va.		
Accounts	Min	£243
ANSI C Release 3	Aco	£125
Archway	Sim	CPOA
ArcLight	Ace	£40
ARC-PCB	Sil	£139
 Professional 	Sil	£277
Armadeus	Cla	£59
Artisan II	Çla	£44
Artisan Gallery	Cla	£16
Atelier	Min	667
Autosketch CAD	A⊔t	£69
Basic Compiler	Dab	£77
Chocks Away	4th	£21
Craftshop 1	4ma	£28
- network version		£34

KEY 1	TO MAKERS	Cit	Çitazen	Mit	Mitre
		Cla	Clares	Min	Minerva
Ace	Ace	Çol	Çolton	Oak	Oak
Aco	Acom	CW	Computerware	Pana	Panasonic
Ale	Aleph One	Đab	Dabs	Pand	Pandora
Apr	Apricote	Dat	Data Store	Ser	Serial Port
Arm	Armadillo	Dig	Digital Services	\$ha	Sharp
Arn	Arnor	Ermr	EMR	Şil	Silicon Vision
Arx	Arxe	Eps	Epson	Sim	Simtron
A⊔t	Autodesk	ICS	lan Copestake	Sta	Star
Вее	Beebug	lfe	IFEL	Tax	Taxan
Ça!	Calligraph	Irl	Irlam	Tec	TechSoft
Can	Canon	Kad	Kador	4ma	4Mation
CC Com	puter Concepts	Lin	Lingenuity	4th	Fourth Dimension
Cir	Circle	Lon	Longman Logotron		

e Lo	Longin	ian cogotion		
4ma	£28	Inspiration	Pand	EPOA
	£34	Interdictor	Cla	£27
Sil	£113	Investigator 2	Ser	£23
Tec	£75	ISO C Devt System	Bee	£77
Mit	£26	Jiglet	4ma	€26
Min	£96	Jigsaw .	4ma	£28
Aco	£110	Knowledge Organiser	Cla	£47
Mit	£37	Logo	Lon	£55
ICS	£10	MisMatch	ICS	E10
s	£12	Mogul	Ace	£17
	£50			£27
Min	£31		Min	£197
CC	£44		emput	tersì
Ace	£54			£1250
		Numerator		€69
				£278
			_	£79
				£129
				€50
				€23
				£118
001				
Aco	LOG			£79
7.00	£41			
				£71
				€25
Ree				£25
	tioni:			£61
				£149
idaid, ve				£36
any Cou				100
ciy, cou				£13
enture	Li On			£74
	£PΩΔ			£353
	LFOA			£117
00	£20			£139
				£58
				£35
Arm				£113
				£113
	LUL			£49
	£113			£75
				£96
Cak				£69
ea				£499
				£139
				£135 £53
				£26
-CL				
				£113
				£113
				€279
				£25
CC	_		Dig	£109
				£459
	£7	~ site licence		£475
	4ma Sil Tec Mit Min Aco Mit ICS S Min CC Acc CC Sil rate park Min Aco Bee with Ova abalB, Vo	4ma £28 £34 \$31 £113 \$100 £75 \$100 £41 £41 £41 £41 £41 £41 £41 £41 £41 £41	### ### ### ### ### ### ### ### ### ##	4ma £28 Inspiration Pand £34 Interdictor Cla Sil £113 Investigator 2 Ser Tec £75 ISO C Devt System Bee Min £96 Jigsew 4ma Min £96 Jigsew 4ma Acc £110 Knowledge Organisor Cla Mit £37 Logo Lon ICS £10 MisMatch ICS s £12 Mogul Ace £50 Multissore Min £3 Min £31 Multissore Min Acc £44 – site licence (total, 30 comput Acc £44 – site licence (total, 30 comput Acc £44 – site licence (total, 30 comput Acc £45 Orfice Tools Sil Sil £75 Office Tools Sil Sil £75 Office Tools Sil Sil £76 Ovation

Studio 24 Plus	Emr	£149
D. D. D. C.		
Super-Dump	Şıl	£24
Super-Plat	Sit	£32
System Delta Plus II	Min	€54
Tempest	Cla	£97
Timewatch	Mit	€26
Toolkit Plus	Ça	£37
Tween	Ace	€25
TWO (Task and		
Window Organiser)	ICS	£19
- site licence		€60
Utility Disc 1	Dat	£13
Wordpower (Archimedes)	IC\$	£36
- site licence (extra)		£100
1st Word Plus	Aco	£64
EACSIMILE MA	CHI	NE

LVC2IIAIICE III	~~	46
FQ-2100 (full-feature, Mi	ercury-	
compatible)	Sha	£799
- 12-month warranty		£59

PRINTERS

ArcLaser	Cel	£904		
Bubble Jet 8J-10e	Can	£276		
 Sheet feeder 		£54		
Bubble Jet BJ-300	Can	FPQA		
Bubble Jet BJ-330	Can	EPOA		
GQ-5000 (12-month on-site	3			
maintenance)	Eps	£879		
KX-P1123	Pana	£199		
KX-P1124	Pana	£226		
 32k ram for KX P1123. 	4	£20		
KX-P1624	Pana	£369		
KX-P4420 Bppm	Pana	€792		
KX-P4450i	Pana	£1275		
 1Mbyte upgrade 		£299		
Laser Direct Qume	CC	F856		
Laser Direct LBP-4 Card		£321		
Laser Direct LBP-8.8 ppm				
including toner		£12 99		
LBP-4 4 ppm		£750		
LC24-10 32k ram card	Şta	£61		
Swift 24 Colour	Cit	£279		
Archimodes parallel printer	cab∙e	83 9		
MONITOR				

MONITOR

Multivision 795 Tax £4	79

SCANNERS

i-Scan	kri	£587
Scan-Light A4	CC	6369
- as above + Sheet F	eeder	£460
Scan-Light Junior	CC	£175
— Δ3000 version finte	rnali	£179

UPGRADES

A3000 2Mb Ife £1 A3000 4Mb Ato £2: A3000 4Mb Ife £2 A3000 4Mb Ife £2 A310 2Mb † Ife £2 — as above including fitting £2:	89
A3000 2Mb Ife £1 A3000 4Mb Ato £2: A3000 4Mb Ife £2 A3000 4Mb Ife £2 A310 2Mb † Ife £2 — as above including fitting £2:	
A3000 4Mb Ato £2: A3000 4Mb Ife £2: A310 2Mb † Ife £2 — as above including fitting £2:	nn -
A3000 4Mb Ife £2- A310 2Mb † Ife £2 — as above including fitting £2!	38
A310 2Mb † Ife £2 —as above including fitting £2:	39
- as above including fitting 62:	43
00 00000 1101001 9 1111119 121	15
	59
A310.4Mb.t Ife €25	99
 as above including fitting £3- 	45
8Mb A400/1 / A440 / R140 Ato £65	99
ARM3 Ale E40	no

FUNCTION KEY STRIP ORGANISER

Arckey	ICZ	an F
- quantity of 4		VC € 1

KEYBOARD COVERS

Seal 'n Type (spill-proof)	
 Archimedes 	Kad

 Archimedes 	Kad	£14
- A3000	Kad	£14



HARD DISC UPGRADES AND ACCESSORIES

product name is the capacity in megabytes, 'Upgrades' include the hard disc and ideA controller as well as a fan and other items where needed. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400 series internal

upgrade		
IDEÁRCIN40	28ms	£349
IDEARCIN80	19ms	£499
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899

IDEARCEX40 28ms EPOA IDEARCEX80 19ms £POA IDEARCEX135 28ms £POA IDEARCEX200 15ms £POA

A3000 internal upgrade including collection and

IDEA3IN20 23ms £499

Ready soon

A3000 accessories	
IC HOUSE	£P0A
IC PLINTH	£21

ideA controller card (We can only accept responsibility for performance with hard discs we have tested ourselves)



A number at the end of a

upgrade		
IDEARCIN40	28ms	£349
IDEARCIN80	19ms	£499
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899

A300/400 series external upgrade

fittina

A3000 external upgrade

ideA accessories 4-slot 4-laver Backplane (see above note) Ife £57

IDEARC £110



Wordpower Power Fonts Please tell us which of the

above you need and specify your printer make and model. A more detailed list of fonts is available.

ICS FONTS

1st Word Plus First Fonts

PipeDream PipeDrivers

£50 Site licence For multiple use of First Fonts or PipeDrivers. (Power Fonts are covered by a Wordpower site licence).

Symbol sets e.g. Chemistry, Czech, ICS1 (Forms Design), ICS2 (IBM characters). Latin 1 (includes French, German, Italian, Spanishl, Latin 2, Latin 3 finctudes Esperantol, Latin 4, Mathematics & Physics, Russian

- for dot matrix £19 - for laser £29

24-pin & HP laser typefaces Bodmin, Neston, Old English, Personal, Royden, Shadow and Initials, Universal 8pt, Universal 10pt, Universal 12pt, Weimar Fraktur

- 24-pin: any 3 faces £29 -laser: any 3 weights £29

Star LC-10 typefaces Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

£19 anv 4 £29 - all 7

PipeDriver Dot 1 £10

£13 Powerfont NTQ Provides near letter quality on ordinary 9-pin printers. Required for some Power Fonts.





Graphics & Clipar		Utilities	Archive Members' Pri	ice List – January 1991
History (Costume) Graphics Pack – £18		ArcDFS - £28(3.11.55 & 3.12.30 & 4.1.48)	(All prices include VAT and UK carriage)	A3000 external drives
Maps of the World – £28		• ArcMonitor – £23(4.4.2)		20M external drive + SCSI pod – £390(4,3,15)
Pre-Historic Animals – £18		IS Utilities (inc Pro-Copier) – £16(4.3.2)	(Numbers in brackets refer to issues of Archive magazine.) (• means either "new product" or "new price")	• 45M external drive + SCSI pod - £390(4.3.15)
Tools – £18	(4,4,3)	Colour dump – Canon – £25	Shareware Discs № 0 to 26 & 30 to 38 – £3 each	• 80M external drive + SCSI pod - £490(4.4.2)
World Wildlife Pack – £18		Colour dump - Integrex - £25	Any 10 Shareware discs – £27	100M external drive + SCSI pod ~ £090(4.4.2)
Art / Drawing etc Pack	ages	Colour dump – LC10 – £25(3.3.28 + 3.9.59) DataStore Utilities Disc – £15(3.2.32)	Careware Discs Nº 1 to 11 – £6 each	200M external drive + SCSI pod – £1490
ArclmEd – £23		DiscTree - £44(2.8.24)	Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3	330M external drive + SCSI pod – £2395
ArcLight – £46		FontFX - £10(3.9.37)	Program Discs 1.7, 1.8, 1.9 etc – £3 each	512M external drive + SCSI pod - £2995
ArcPCB - £160	(2.1.2)	Grey dumps (9-pin tone dump) – £13(2.6.47)	Volume 1 to 3 program discs (31) – £65	A3000 SCSI hard disc podule – £220
ArcPCB Professional - £320	(3.1.4)	Instigator – £45(2.10.5)	Volume 3 program discs (12) £28	
Artisan 2 – £55	(3.5.53)	Outline Font Starter Pack – £47(3.5.3)	Volume 4 program discs advance booking (12) - £33	MicroNet Removable SCSI Hard Drives
Artisan 2 upgrade (return Artisan disc) -	-£28(3.5.53)	Outline Font States $72CK - 247$ (3.5.3) Outline Fonts "Newhall" $-£47$ (3.5.3)	Archive back issues – £2 each	(Prices include cables and one 42M cartridge)
Art Nouveau - £42.50	(2.6.17)	PC Emulator - £95(1.5.24)	Binder volume 1, 2, 3 or 4 – £5 each(1.7.3)	External 42M (25ms) (w/o podule) – £650(4,1.47)
Atelier – £85	(2.12.46)	RISC-OS upgrade – £36(13,24)	Binders 1 to 4 ~ £16 for four	External 42M +Oak A300/400 podule - £840
AutoSketch - £79	(1.7.3)	RISC-OS Companion – £50(2.12.51)	3.5" Discs, top quality – 10 for £13, 50 for £60	External 42M +Oak A3000 pod – £840
Drawing Board – £54	(2.5.33)	Software Developer's Toolbox – £175(2.12.31)	Printer cable – £10	External 42M +Lingenuity A300/400 podule - £815
Euclid - £60	(3.1.50)	TCP/IP Protocol Suite - £195(2.3.2)	Keyboard extension cable – £8	External 42M +Lingenuity A3000 podule - £795
Film Maker – £90	(2.6.3)	TCP/IP Protocol Suite Site Licence - £995(4.2.3)	Archimedes A300/400 dust cover $-£10$	Extra 42M cartridges – £80
GammaPlot - £46	(1.12.19)	TCP/IP Protocol Suite Site Licence - £993(4.2.3) TCP/IP Programmers Pack - £48(4.2.3)	Archimedes A3000 dust cover - £9	Oak ST506 Hard Drives
GraphBox - £69	(2,8.4)	Timewatch – £28(3.2.28)	Annual Service Kit (2 batteries + fan filter) – £3	Internal 20M (28ms) drive for A400 series – £210
Inter-Chart ROM - £27	(1,1,20)	Toolkit Plus – £42(2,2,32)		Internal 40M (28ms) drive for A400 series = £210
Inter-Chart disc - £20	(1.1.20)	WIMP Template Editor – £8(2.5.29)	Oak SCSI Hard Drives	Internal 47M (28ms) drive for A400 series = £410
Mogul (for Euclid) – £20	(3.1.50)	Worra Plotter – £27(3.3.3)	All Oak drives and tape streamers INCLUDE a podule.	
Poster (with fonts) - £93	(3.11.13)	•	Subtract £100 if you want a drive without a podule.	lan Copestake IDE Drives
Presenter II - £42(1.	11.46 + 3.3.23)	Integrated Software	Oak SCSI Drives for 300/400 .(2.11.2, 3.2.10, 3.4.15)	Please ring for details(4.4.21)
Presenter II with Hotlinks – £49	(3.10.3)	Desktop Office – £120(4.1.40 + 4.2.55)	 New software for SCSI podules – £11 	Xpress Bulk Disc Copier
Presentation System - £46	(2.7.20)	Home Accounts – £46(2.10.29)	SCSI hard disc podule – £220	• 60-disc copier, software & leads – £2645(4.2.2, 4.4.2)
Pro-Artisan – £85	(2.3.19)	Logistix – £99(1.9.31 + 1.10.4)	20M internal drive + SCSI pod – £400	
Realtime Solids Modeller - £160	(2.10.46)	Minerva Business Accounts – £350(4.1.3)	45M internal drive + SCSI pod – £525	A400 / 500 Computers & Upgrades
Render Bender - £69	(2.9.23)	Minerya Nominal Ledger – £90(4.1.3)	80M internal drive + SCSI pod – £720	A410 - £1260 (inc £100 Archive youcher)
Snippet - £30	(3.11.4)	Minerya Ordering/Invoicing – £90(4.1.3)	100M internal drive + SCSI pod – £935	A420 Learning Curve – £1490 (+ £100 voucher)
Solid CAD - £130	(2.5.3)	Minerva Purchase Ledger – £90(4.1.3)	200M internal drive + SCSI pod - £1310	A440 equivalent – £1830 (+ £100 voucher)
Solids Render - £130	(4,1,5)	Minerva Sales Ledger – £90(4.1.3)	20M external drive + SCSI pod – £560	A440 Learning Curve – £1900 (+ £100 voucher)
Solid Tools - £320		Minerva Stock Management – £90(4.1.3)	45M external drive + SCSI pod – £655	A540 – £3444 (+ £200 voucher)
Splice - £25	(3.12.38)	Office Tools – £320(4.1.4)	80M external drive + SCSI pod - £890	4M Ram card for A540 – £530
Super-Dump - £28		Personal Accounts (Apricote) £27(4.2.53)	100M external drive + SCSI pod –£1130	Ram for A410 - £60 per Mb (+ £10 if fitting req'd)
Super-Plot - £37		PipeDream 3 – £145(2.12.23)	200M external drive + SCSI pod -£1490	Single Ram chips (in case you damage one!) - £8
Tween - £25		PipeDream 3 upgrade (from 2 only) - £68	Oak ELITE SCSI Drives for 300/400(4.3.15)	ARM3 – 24MHz (Aleph One) – £460(4.1.13)
Worra-CAD - £80 (initial offer price)	(3.11.4)	PipeDream 3 upgrade (from 2 + SpellCheck) - £37	40M internal drive + SCSI pod – £640	ARM3 – 30MHz (CJE Micros) – £440(4.1.3)
Sound (Hardware & Sof	tware)	PipeDream Extended Dictionary – £7(3.2.28)	80M internal drive + SCSI pod -£1005	ARM3 – 30MHz (CJE Micros) – £390(4.1.3)
Acom Midi podule – £74		ShareHolder – £130(4.1.5)	100M internal drive + SCSI pod - £1190	4 to 8M Upgrade (Atomwide) – £890(3.11.25)
Armadeus – £70		The Account Book (Apricote) – £32(4.2.53)	200M internal drive + SCSI pod £1540	Econet module -£52
Armadeus sampler podule – £140		The Invoice Program (Apricote) – £32(4.2.53)	40M external drive + SCSI pod – £850	Replacement 3.5" drive for 400/1 – £70(3.5.3)
Rhapsody – £46(4		Spreadsheets & Databases	80M external drive + SCSI pod -£1190	A3000 Computers & Upgrades
Supersound Creations – £17		Alphabase - £42(2.5.37)	100M external drive + SCSI pod – £1390	A3000 computer = £680 (inc £50 free s/ware)
		Ancestry – £69(2.8.43)	200M external drive + SCSI pod - £1750	A3000 Learning Curve – £800
Communications		Arcscan III Database – £17	300M external drive + SCSI pod - £2390	A3000 Jet Set Pack – £710(4.1.4)
Acom – £28		DataVision - £130(4.1.3)	640M external drive + SCSI pod - £3010	1 Mb A3000 upgrade (Morley) – £80(3.3.3/3.6.2)
Arc-Comm – £31	(4,3,40)	Financial Accountant – £245(4.1.3)	Oak SCSI Tape streamers(3.4.3)	3 Mb A3000 upgrade (Morley) – £240(3.3.3/3.6.2)
Hearsay – £59		Flexifile – £130(4.1.3)	60M SCSI Tape streamer – £1100	1 Mb A3000 upgrade (Atomwide) – £80(3.10.2)
WS3000 V22bis modem - £310		Inter-Sheet disc $-£30$ (1.1.20)	150M SCSI Tape streamer – £1350	3 Mb A3000 upgrade (Atomwide) = £275(3.10.2)
Amstrad \$M2400 modem - £210		Inter-Sheet ROM - £42(1.1.20)	1 Gb SCSI Tapestreamer – £2995(3.7.2)	A3000 Econet Module – £52(3.10.2)
Modem connecting lead - £12		Knowledge Organiser – £55(3.9.54)	60M Cartridges – £34 each	A3000 Serial upgrade – £20
		renowledge Organiser (1200 minimum (3.7.34)	150M Cartridges – £37 each	A3000 User Port & Midi – £52
	Par	ne 4	1 Gb Cartridges – £45 each	725000 Cast 1 Off B. Wildt - 252

A3000 User & Analogue Ports (Morley) – £72 (3.6.2)	Printers & Accessories	A3000 User & Analogue Ports (Morley) £72(3.6.2)	Printers & Accessories
A3000 Ext 3.5" drive for A3000 - £135(3.6.2)	Panasonic KXP1081 9 pin printer £155	A3000 Ext 3.5" drive for A3000 - £135(3.6.2)	Panasonic KXP1081 9-pin printer – £155
SCSI podule for A3000 (Lingenuity) £165	Panasonie KXP1124 24-pin printer – £275	SCSI podule for A3000 (Lingenuity) £165	Panasonic KXP1124 24-pin printer – £275
Monitors & Accessories	32k buffer chip for KXP1124 – £15	Monitors & Accessories	32k buffer chip for KXP1124 – £15
Acorn (Philips) monitor £250	Cut-sheet feeder for KXP1124 £125(3.10.3)	Acorn (Philips) monitor -£250	Cut-sheet feeder for KXP1124 - £125(3.10.3)
Philips CM8833 14" monitor £280(2.9.2)	Ribbons for KXP1124 - £11 each(3.10.3)	Philips CM8833 14" monitor £280(2.9.2)	Ribbons for KXP1124 – £11 each(3.10.3)
Eizo 9060SZ 14" multi-sync - £520(3.7.2)	Centronics Printer cable £10	Eizo 9060SZ 14" multi-sync – £520(3.7.2)	Centronics Printer cable – £10
Taxan 795 14" Trinitron m-sync £590 (4.1.6 & 21)	Laser Direct 300 dpi £1080 (3.9.3 & 3.10.3 & 3.12.6)	Taxan 795 14" Trinitron m-sync – £590 (4.1.6 & 21)	Laser Direct 300 dpi – £1080 (3,9.3 & 3.10.3 & 3.12.6)
Eizo 9070SZ 16" multi-sync – £880(3.10.2)	Laser Direct 600 dpi (LBP8) - £1560(4.1,2)	Eizo 9070SZ 16" multi-sync - £880(3.10.2)	Laser Direct 600 dpi (LBP8) – £1560(4.1.2)
Taxan 970 20" multi-sync – £1690(4.1.6)	Canon LBP4 – £950(4.1.2)	Taxan 970 20" multi-sync £1690(4.1.6)	Canon LBP4 £950(4.1.2)
VIDC Enhancer £35(3.10.21)	LD interface for LBP4 – £370(4.1.2)	VIDC Enhancer – £35(3.10.21)	LD interface for LBP4 – £370(4.1.2)
A3000 Monitor stand - £33	ArcLaser £1040(3.11.3 & 3.12.6)	A3000 Monitor stand £33	ArcLaser - £1040(3.11.3 & 3.12.6)
	Qume toner set £75(4.1.4)	Long monitor lead with sound – £15(3.12.2)	Qume toner set – £75(4.1,4)
Long monitor lead with sound – £15(3.12.2)	Qume drum set – £95(4.1.4)	• TV adaptor – £35(4.4.3)	Qurue drum set – £95(4.1.4)
• TV adaptor - £35(4.4.3)	Toner cartridge for LBP4/8 £80		Toner cartridge for LBP4/8 – £80
A310 / A440 Upgrades	_	A310 / A440 Upgrades	Languages
Replacement Mouse - £55(3.5.3)	Languages	Replacement Mouse – £55(3.5.3)	
Replacement 3.5" drive for $310 - £100$ (3.5.3)	ABC-2 BASIC Compiler – £89(2.5.16)	Replacement 3.5" drive for 310 – £100(3.5.3)	ABC 2 BASIC Compiler – £89(2.5.16)
Second internal 3.5" drive -£122	ABC Dynamic Extensions – £45(3.1.2)	Second internal 3.5" drive - £122	ABC Dynamic Extensions – £45(3.1.2)
MEMC1a upgrade for 310/440 – £74 ,(3.2.3)	Acorn Assembler £195(3.4.51)	MEMC1a upgrade for 310/440 £74(3.2.3)	Acorn Assembler £195(3.4.51)
ARM3 – 24MHz (Aleph One) £460(4.1.13)	Adventure Lang Prog System (ALPS) – £29(3,3.50)	ARM3 24MHz (Aleph Onc) - £460(4.1.13)	Adventure Lang Prog System (ALPS) – £29(3.3.50)
ARM3 - 30MHz (CJE Micros) – £440(4.1.3)	ANSI-C (Release 3) – £145	ARM3 30MHz (CJE Micros) £440(4.1.3)	ANSI C (Release 3) – £145
ARM3 30MHz (CJE Micros) – £390(4.1.3)	Cambridge Pascal - £70(3.4.27)	ARM3 – 30MHz (CJE Micros) £390(4.1.3)	Cambridge Pascal – £70(3.4.27)
Econet module £52	C Front End – £18(3.4.49)	Econet module – £52	C Front End – £18(3.4.49)
Acorn 2-slot backplane (inc fan) – £42	C Dabhand Guide – £14(2.1.28)	Acorn 2-slot backplane (inc fan) £42	C Dabhand Guide – £14(2,1,28)
1.F.E.L. 4-fayer 4-slot backplane (inc fan) – £66	C Guide Disc £8	LF.E.L. 4-layer 4-slot backplane (inc fan) - £66	C Guide Disc – £8
I.F.E.L. 4-layer 4-stor backprane (the fair) = 200	Fortran 77 (Rel. 2) – £99(1.7.26)		Fortran 77 (Rel. 2) – £99(1.7.26)
Podules & External add-ons	Iso-Pascal (Rel. 2) – £99(1.9.24 + 1.11.14)	Podules & External add-ons	Iso Pascal (Rel. 2) – £99(1.9.24 + 1.11.14)
5.25" drive interface (CJ Micros) – £35	Lisp £199(1.12,14 + 2.3.37)	5.25" drive interface (CJ Micros) – £35	Lisp – £199(1.12.14 + 2.3.37)
5,25" drive interface (Digital Svcs) - £38(4.1.2)	Logotron Logo £64(1.11.50)	5.25" drive interface (Digital Svcs) - £38(4.1.2)	Logotron Logo - £64(1.11.50)
ROM Podule – £53(1.7.44)	Prolog System X – £179(2.10.34)	ROM Podule £53(1.7.44)	Prolog System X £179(2.10.34)
with battery backup - £63	Rise BASIC Compiler £130(2.9.32)	with battery backup - £63	Risc BASIC Compiler – £130(2.9.32)
32k RAM chips - £15	Risc Forth - £130(2.2.23)	32k RAM chips – £15	Risc Forth £130(2.2.23)
Atomwide prototyping boards(4.4.46)	RoboLOGO - £90(4.1.5)	Atomwide prototyping boards(4.4.46)	RoboLOGO £90(4.1.5)
Bare board with V1.3 ROM - £32	Twin Editor £29	Bare board with V1.3 ROM - £32	Twin Editor – £29
Fully built with ROM – £43	Wingpass Macro Assembler V2 – £47(2.8.41)	Fully built with ROM - £43	Wingpass Macro Assembler V2 – £47(2.8.41)
Fully built with RAM £49		Fully built with RAM – £49	Word-Processors & DTP
APEC utilities disc - £4	Word-Processors & DTP	APEC utilities disc – £4	
Colour Digitiser Hawk V9 £360(3.7.13)	DTP from Acorn £145(2.12.41)	Colour Digitiser Hawk V9 £360(3.7.13)	DTP from Acorn – £145(2.12.41)
Ethernet Card – £270(4.1.2)	Easiword £36(3.9.2)	Ethernet Card £270(4.1.2)	Easiword – £36
Floating Point Co-Processor £570(4.2.43)	First Word Plus 2 – £82,(3.4.40)	Floating Point Co-Processor £570(4.2.43)	First Word Plus 2 - £82(3.4.40)
I/O Podule £88(1.7.38)	First Word Plus Extended Dictionary –£7(2.8.30)	J/O Podule – £88(1.7.38)	First Word Plus Extended Dictionary – £7 (2.8.30)
New software for I/O Podule £12(3.6.2)	First Fonts, Maths/Scientific – £20(2.1.32)	New software for I/O Podule £12(3.6.2)	First Fonts, Maths/Scientific £20(2.1.32)
Joystick (Voltmace) -£25	Graphic Writer – £27(1.6.12)	Joystick (Voltmace) –£25	Graphic Writer – £27(1.6.12)
Joystick/Mouse switch – £18(4.1.4)	Impression 2 DTP – £175(3.2.59)	Joystick/Mouse switch - £18(4.1.4)	Impression 2 DTP £175(3.2.59)
Midi podule – £74(3.2.26)	Impression Junior £89(3.2.59)	Midi podule – £74(3.2.26)	Impression Junior £89(3.2.59)
Midi podule upgrade software £15(3.6.2)	Inter-Word ROM – £42(1.1.20)	Midi podule upgrade software £15(3.6.2)	Inter-Word ROM £42(1.1.20)
Marconi Trackerbail £55	Inter Word disc £30(1,1.20)	Marconi Trackerball -£55	Inter-Word disc - £30(1.1.20)
	Keyword £18(3.3.32)	ScanLight Plus (A4) £425	Keyword – £18(3.3.32)
ScanLight Plus (A4) = £425(2.12.49)	Ovation DTP - £105(3,12.23)	Sheet feeder for Scanlight Plus – £105	Ovation DTP £105(3.12.23)
Sheet feeder for Scanlight Plus - £105	Protext 5.0 -£135(4.2.3)	ScanLight Plus Junior - £205	Protext 5.0 – £135(4.2.3)
ScanLight Plus Junior - £205	SpellMaster ROM – £55(1.10.34)	ScanLight Plus Junior A3000 ±2205	SpellMaster ROM – £55,(1.10.34)
ScanLight Plus Junior A3000 – £205	SpellMaster disc - £41(1.10.34)	SCSI podule for A300/A400 (Acorn) £270	SpellMaster disc – £41(1.10.34)
SCSI podule for A300/A400 (Acorn) = £270	Tempest DTP - £120(3.10.50)	SCSI podule for A300/A400 (Lingenuity) £185	Tempest DTP – £120(3.10.50)
SCSI podule for A300/A400 (Lingenuity) £185	Wordwise Plus A (80 column) – £30(3.5.5)	Sear poddio in 11300/11100 (tangonony) 2303 mmm	Wordwise Plus A (80 column) – £30(3.5.5)
	Wordwise Plus A (upgrade from BBC) £10(1.2.20)		Wordwise Plus A (upgrade from BBC) – £10(1.2.20)

Quazer - £11	(1.10.47)
Redshift - £17	(3.12.3)
Repton 3 £18	(2.3.2)
Return to Doom - £19	
Rotor - £23	(3.7.3)
Star Trader - £16	
Superior Golf - £18	(3.12.19)
Talisman - £14	(4.3.50)
The WIMP Game - £18	(4.3.42)
Thundermonk £14	
Trivial Pursuit - £27	(3.6.41)
• Twinworld - £18	(4.4.3)
U.I.M £28	(3.7.21)
WordUpWordDown - £16	(2.5.31)
Zarch - £18	(1.2.33)

Z88

Z88 Computer - £230	Archimedes link £35
128k ram pack - £49	Carrying case – £10
128k eprom pack – £49	Mains Adaptor – £10
Eprom eraser - £39	

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £50 per Mbyte (no fitting charge) and a hard disc for £310 or £390 for 40M or 47M respectively.

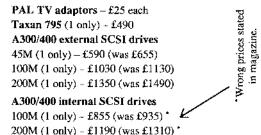
So a 440/1 equivalent costs £1260 + 3 * £50 + £390 = £1800.

If you buy an Acorn 14" standard resolution monitor at the same time add £200, if you want an Bizo 9060SZ add £450 or for a Taxan 795 add £550.

(These special discounts also apply if you huy an A540, an A3000 or a Learning Curve Pack.)

January Sales

In line with other retailing organisations, NCS is clearing some of the stocks at "knock-down" prices! Stocks are limited so PLEASE either send separate cheques for each item or, better still, ring to find out if they are still available and we will put them on one side for you.



A3000 SCSI drives (full speed, not Worra Winnies) 45M in bridge (1 only) – £595 (was £695) 80M (2 only) – £750 (was £890 cf WW price £690)

A310 4 M RAM upgrades (Protokote) - They were £600 but we are prepared to sell them for £490 on a user-fitting basis.

A410/1 (2 only) – £1100 (was £1260) **A3000 Learning Curve** (2 only) — £700 (was £800)

Software

ChromaText - £20 (was £42)

Holed Out - £13 (was £18)

Apocolypse - £23 (was £28)

U.L.M. - £19 (was £28)

Olympics - £13 (was £19)

Droom - £19 (was £25)

Desktop Stories - £28 (was £38)

Dust - £24 (was £32)

P.L.P.P. - £29 (was £37)

Presenter II (without HotLinks) - £35

Bulletin Board Password

The password for the Archive bulletin board is "impression" - phone 0603-745932.

New RISC-OS Printer Drivers

Acorn has released some new, improved printer drivers for RISC-OS. These are available from SID, are included with Schema, Clares' new spreadsheet but are also available on this month's program disc at f3 to members.

ARM3 Prices Down!!

CJE Micros have reduced the prices of their ARM3's again. We can now sell their 30MHz ARM3 for £440 (assuming they can get supplies of the faster chips) and their 25 MHz ARM3 for £390. At the moment, we have both in stock.

February may be late!

Archive is just about to go over to Impression, so the February magazine is likely to be delayed. Sorry!

Ballerena in stock now

The excellent new game reviewed in the magazine on page 20 is now in stock at £18.

More Charity Sale Stuff

Since the magazine went to the printers, some more items have become available for sale for charity:

20M SCSI drive, unused, no metalwork, cables or podule £100.

A310 keyboard, not working – £20 A310 disc drive, not working – £10 PrinterMaster Plus (IBM) – £10

More software for review...

Quest educational database, Revelation (Logotron's image based art package), Return to Doom (including Countdown to Doom + Philosopher's Quest).

Also available for review is a copy of "The Public Key" which is an excellent new magazine about public key cryptography on the Archimedes. It comes with a disc with the main operating program on it.

1 Mb A3000 upgrade (Atomwide) £80(3,10,2)	Sheet feeder for Scanlight Plus - £105	SpellMaster ROM – £55(1.10.34)	Communications
3 Mb A3000 upgrade (Atomwide) - £275(3.10.2)	ScanLight Plus Junior £205	SpellMaster disc – £41(1.10.34)	Acom £28(4.3.40)
A3000 Econet Module - £52	ScanLight Plus Junior A3000 £205	Tempest DTP - £120(3.10.50)	Are-Comm – £31(4.3.40)
A3000 Serial upgrade – £20	SCSI podule for A300/A400 (Acorn) – £270	Wordwise Plus A (80 column) -£30(3.5.5)	Hearsay – £59(1.12.22)
A3000 User Port & Midi £52	SCSI podule for A300/A400 (Lingenuity) - £185	Wordwise Plus A (upgrade from BBC) £10(1.2.20)	WS3000 V22bis modem – £310(2.8.5)
A3000 User & Analogue Ports (Morley) £72(3.6.2)	Printers & Accessories		Amstrad SM2400 modem – £210(2.8.5)
A3000 Ext 3.5" drive for A3000 £135(3.6.2)	Panasonic KXP1081 9-pin printer £155	Graphics & Clipart	Modern connecting lead – £12
SCSI podule for A3000 (Lingenuity) - £165	Panasonic KXP1124 24-pin printer £275	History (Costume) Graphics Pack - £18	Utilities
Monitors & Accessories	32k buffer chip for KXP1124 – £15	Maps of the World – £28	
Acorn (Philips) monitor – £250	Cut-sheet feeder for KXP1124 - £125(3.10.3)	World Wildlife Pack £18(4.2.3)	AreDFS £28(3.11.55 & 3.12.30 & 4.1.48) CIS Utilities (inc Pro-Copier) £16(4.3.2)
Philips CM8833 14" monitor – £280(2.9.2)	Ribbons for KXP1124 – £11 each(3.10.3)		
Microvitec Cub 3000, 14" - £240(2.9.2)	Centronies Printer cable – £10	Art / Drawing etc Packages	Colour dump - Canon £25
Eizo 9060SZ 14" multi-sync – £520(3.7.2)	Laser Direct 300 dpi – £1080 (3.9.3 & 3.10.3 & 3.12.6)	ArcImEd - £23(1.12.42)	Colour damp - Integrex - £25
Taxan 795 14" Trinitron m-sync – £590(4.1.6 & 21)	Laser Direct 600 dpi (LBP8) – £1560(4.1.2)	ArcLight £46(4.1.3)	Colour dump – LC10 ± 25 (3.3.28 + 3.9.59)
Eizo 9070SZ 16" multi sync £880(3.10.2)	Canon LBP4 – £950(4.1.2)	ArePCB - £160(2.1.2)	DataStore Utilities Disc – £15(3.2.32) DiscTree £44(2.8.24)
Taxan 970 20" multi-sync £1690(4.1.6)	LD interface for LBP4 £370(4.1.2)	ArcPCB Professional –£320(3.1.4)	
VIDC Enhancer – £35(3.10.21)	ArcLaser £1040(3.11.3 & 3.12.6)	Artisan 2 £55(3.5.53)	FontFX - £10
A3000 Monitor stand £33	Quine toner set £75(4.1.4)	Artisan 2 apgrade (return Artisan disc) – £28 (3.5.53)	Grey damps (9-pin tone damp) £13(2.6.47)
Long monitor lead with sound $-$ £15(3.12.2)	Quine dram set – £95(4.1.4)	Art Nouveau – £42.50(2.6.17)	Instigator - £45
· · · · · · · · · · · · · · · · · · ·	Toner cartridge for LBP4/8 – £80	Atelier +£85(2.12.46)	
A310 / A440 Upgrades	Total Cardiago III 190 - Coo minimum	AutoSketch £79(1.7.3)	Outline Fonts "New Hall" – £47(3.5.3)
Replacement Mouse £55(3.5.3)	Languages	Drawing Board – £54(2.5.33)	PC Emulator - £95
Replacement 3.5" drive for 310 – £100(3.5.3)	ABC 2 BASIC Compiler – £89(2.5.16)	Euclid – £60(3.1.50)	RISC OS upgrade +£36(2.7.20) RISC-OS Companion +£50(2.12.51)
Second internal 3.5" drive -£122	ABC Dynamic Extensions - £45(3.1.2)	Film Maker £90(2.6.3)	
2M / 310 (Comp'ware) - £360 (inc fitting)(3.10.47)	Acota Assembler – £195(3.4.51)	GammaPlot £46(1.12.19)	Software Developer's Toolbox – £175(2.3.2)
4M / 310 (Comp'ware) – £540 (inc fitting)(3.10.47)	Adventure Lang Prog System (ALPS) £29(3.3.50)	GraphBox – £69(2.8.4)	TCP/IP Protocol Suite = £195(4.2.3) TCP/IP Protocol Suite Site Licence £995(4.2.3)
2M / 310 (Protokote) £410 (inc fitting)(3.10.47)	ANST C (Release 3) – £145	Inter-Chart ROM – £27(1.1.20)	TCP/IP Protocol state she likelike 2993(4.2.3) TCP/IP Programmers Pack – £48(4.2.3)
4M / 310 (Protokote) £600 (inc fitting)(3.10.47)	Cambridge Pascal – £70(3.4.27)	Inter-Chart disc – £20(1.1.20)	Timewatch $=$ £28
MEMC1a upgrade for 310/440 - £74(3.2.3)	C Front End – £18(3.4.49)	Mogut (for Euclid) - £20(3.1.50)	
ARM3 30MHz (Aleph One) £460(4,1.13)	C Dabhand Guide £14(2.1.28)	Poster (with fonts) –£93(3.11.13)	Toolkit Plus - £42
ARM3 30MHz (CJE Micros) - £465(4.1.3)	C Guide Disc £8	Presenter II – £42(1.11.46 + 3.3.23)	
Econet module – £52	Fortran 77 (Rel. 2) - £99(1.7.26)	Presenter II with Hotlinks – £49(3.10.3)	Worra Piotter - £27(3.3.3)
Acorn 2-slot backplane (inc fan) 142	Iso Pascal (Rel. 2) – £99(1.9.24 + 1.11.14)	Presentation System - £46(2.7.20)	Integrated Software
I.F.F.L. 4-layer 4-slot backplane (inc fan) – £66	Lisp £199(1.12.14 + 2.3.37)	Pro-Artisan – £85(2.3.19)	Desktop Office £120(4.1.40 + 4.2.55)
Podules & External add-ons	1.ogotron Logo – £64(1.11.50)	Realtime Solids Modeller £160(2.10.46)	Home Accounts – £46(2,10,29)
5.25" drive interface (CJ Micros) £35	Prolog System X - £179(2.10.34)	Render Bender - £69(2.9.23)	Logistix - £99(1.9.31 + 1.10.4)
5.25" drive interface (Digital Sves) - £38(4.1.2)	Risc BASIC Compiler – £130(2.9.32)	Snippet £30(3.11.4)	Minerva Business Accounts –£350(4.1.3)
ROM Podule - £53(1.7.44)	Rise Forth $=$ £130(2.2.23)	Solid CAD - £130(2.5.3)	Minerva Nominal Ledger £90(4.1.3)
with battery backup -£63	RoboLOGO £90(4.1.5)	Solids Render £130(4.1.5)	Minerya Ordering/Invoicing - £90(4.3.3)
32k RAM chips £15	Twin Editor – £29	Solid Tools - £320(4.1.5)	Minerva Purchase Ledger £90(4.1.3)
Atomwide prototyping boards(2.12.2)	Wingpass Macro Assembler V2 – £47(2.8.41)	Splice £25(3.12.38)	Minerva Sales Ledger – £90(4.1.3)
Bare board with V1.3 ROM - £32	Word-Processors & DTP	Super-Dump – £28(4.1.5)	Minerva Stock Management - £90(4.1.3)
Fully built with ROM £43	DTP from Acom – £145(2.12.41)	Super-Plot £37(4.1.5)	Office Tools £320 (4.1.4)
Fully built with RAM - £49	Easiword – £36(3.9.2)	Tween £25(3.12.38)	Personal Accounts (Apricote) - £27(4.2.53)
Colour Digitiser Hawk V9 £360(3.7.13)	First Word Plus 2 – £82(3.4.40)	Worra-CAD = £80 (initial offer price)(3.11.4)	PipeDream 3 £145(2.12.23)
Ethernet Card £270(4.1.2)	First Word Plus Extended Dictionary – £7(2.8.30)	Sound (Hardware & Software)	PipeDream 3 apgrade (from 2 only) £68
Floating Point Co-Processor £570(4.2.43)	First Fonts, Maths/Scientific £20(2.1.32)	Acorn Midi podule - £74(3.2.26)	PipeDream 3 upgrade (from 2 + SpellCheck) £37
I/O Podule £88(1.7.38)	Graphic Writer £27(1.6.12)	Armadeus £70(2.9.17)	PipeDream Extended Dictionary – £7(3.2.28)
New software for I/O Podule – £12(3.6.2)	Impression 2 DTP£175(3.2.59)	Armadeus sampler podule – £140(2.9.17)	ShareHolder £130(4.1.5)
Joystick (Voltmace) +£25	Impression Junior £89(3.2.59)	Drummer (Midi Percussion) – £18(4.3.2)	The Account Book (Apricote) - £32(4.2.53)
Joystick/Mouse switch = £18(4.1.4)	Inter Word ROM - £42(1.1.20)	Rhapsody – £46(4.2.19 + 4.3.29)	The Invoice Program (Apricote) £32(4.2.53)
Midi podule - £74(3.2.26)	Inter-Word disc £30(1.1.20)	Supersound Creations £17(4.3.4)	
Midi podule upgrade saftuare (15 (3.6.2)	Keenword = £18 (3.3.32)	Supersonal Creations (4.3.4)	

Keyword – £18(3.3.32) Ovation DTP – £105(3.12.23)

Protext 5.0 -£135(4.2.3)

Midi podule upgrade software – £15(3.6.2)

Spreadsheets & Databases

Alphabase - £42	(2.5.37)
Ancestry - £69	
Arcscan III Database - £17	
DataVision - £130	(4.1.3)
Financial Accountant - £245	(4.1.3)
Flexifile - £130	
Inter-Sheet disc - £30	
Inter-Sheet ROM - £42	
Knowledge Organiser - £55	
Mailshot - £37	
Matrix 3 – £89	
Multistore – £250	
Reporter – £37	
Schema - £110	
SigmaSheet - £46	
System Delta-Plus II – £69	, ,
System Delta-Plus Reference Manu	·
-,	

Educational Programs

Educational Programs
Amazing Ollie (4+) - £15(4.2.2)
Astro (Astronomy programs) – £18(4.2.2)
BookBinder (Musbury) – £50(3.4.2)
Coffee $(9-15) - £29$ (4.2.2)
Craftshop 1 – £33(3.9.35)
Craftshop 2 – £33(3.9.5)
Desk Top Stories – £38(2.12.48)
DigiSim - £40 (Special offer £32)(2.8.48)
Droom $-£25$ (1.7.42)
Dust - £32(4.1.3)
Fun School 2 (under 6's) – £19(4.2.59)
Fun School 2 $(6-8's)$ – £19(4.2.59)
Fun School 2 (over 8's) – £19(4.2.59)
Gate Array Design/Teaching - £130(4.1.3)
Genesis – £85(3.4.25)
Genesis II (avail January) - £130(4.3.3)
Geoscan Database – £38(4.2.51)
HoneyPot - £42(4.2.2)
Jiglet - £30(3.11.3)
Jigsaw £33(3.5.27)
Logotron Logo – £64(1.11.50)
Maps of the World – £28(4.1.54)
Numerator - £78(2.12.46)
Oilie Octopus Sketchpad (4+) – £15(4.2.3)
Order & Chaos (for Numerator) - £17(4.1.26)
PcnDown (full release) - £57(3.12.48 & 4.1.42)
P.I.P.P. – £37(3.12.51)
RiscType V2 - £18(4.3.3)
RoboLOGO - £90(4.1.5)
Tiny Logo + Tiny Draw - £28(4.3.59)

Documentation

A3000 Technical Manual - £28	(3.8.2)
Assembly Language Book - £14	(1.11.39)
Assembly Language Disc - £8	
Archimedes First Steps - £9	
BASIC V manual (Acorn) - £19	
BASIC V Dabhand Guide - £9	
Guide to Acorn DTP (inc. disc) -£17	(3,4.55)
Operating System Book - £14	(2.6.45)
Operating System Disc £8	
RISC-OS Prog Ref Manual - £75	
Z88 Dabhand Guide - £14	
C	

Z88 Dabhand Guide – £14(3.9.57)
Games
Adventure Lang Prog System (ALPS) – £29(3.3.50)
Alerion – £14(2.1.45)
Alien Invasion £14(3.12.20)
All-in Boxing – £14(3.1.4)
Apocalypse – £28(3.10.42)
Arcade 3 Compilation – £14(3.1.44)
Arcade Soccer – £18(3.10.35)
Arcendium – £14(2.5.2)
Arc Trivia - £23(2.7.52)
Bug Hunter/MoonDash – £17(2.7.32)
Bug Hunter in Space – £17(4.2.2)
Caverns £17(3.5.2)
Cheat it again, Archie – £11(2.7.55)
Chocks Away 2 – £23(4.2.17)
Cops (Adventure) - £18(3.7.48)
$Crisis = £27 \dots (4.3.2)$
Drop Ship -£18(4.2.2)
Enthar-7 – £26
E-Type – £18(3.2.49)
E-Type Designer - £16(3.3.2)
E-Type Extra 100 miles - £16(3.3.2)
Family Favourites - £18(3.8.59)
Fireball II – £23(3.5.41)
Fireball II + Fish + Pon (MiniPack5) - £27(3.5.41)
Freddy's Folly – £14(2.1.45)
Herewith the Clues! – £23,(3.11.57)
Holed Out – £18(2.9.38)
Holed Out Extra Coures 1 – £16(2.10.5)
Holed Out Extra Courcs 2 – £16(2.10.5)
Holed Out Designer – £18(3.9.60)
Hostages – £19
Hoverbod – £14(1.10.47)
Ibix the Viking $-£18$ (3.1.45)
Inertia – £18(3.12.43)
Interdictor 2 - £32(4.2.17)
Jet Fighter - £14(2.3.2)
Last Days of Doom – £19(3.7.3)
Maddingly Hall – £14(3.8.3)
Mah Jong Patience – £18(4.3.3)
Man at Arms – £19(3.11.58)
Memory Magic – £15(3.11.3)

Archive Members' Price List - December 1990

(All prices include VAT and UK carriage)

(Numbers in brackets refer to issues of Archive magazine.)
(means either "new product" or "new price")

Shareware Discs Nº 0 to 26 & 30 to 36 - £3 each Any 10 Shareware discs -£27Careware Discs Nº 1 to 11 - £6 each Prog. Disc Vol. 1 Issues 1-6 inc. on one disc -£3 Program Discs 1.7, 1.8, 1.9 etc - £3 each(3.8.2) Volume 1 to 3 program discs (31) - £65Volume 3 program discs (12) - £28Volume 4 program discs advance booking (12) - £33 Archive back issues - £2 each Binder volume 1, 2, 3 or 4 - £5 each(1.7.3) Binders 1 to 4 - £16 for four 3.5" Discs, top quality - 10 for £13, 50 for £60...... Printer cable - £10 Keyboard extension cable - £8 Archimedes A300/400 dust cover -- £10 Archimedes A3000 dust cover – £9 Annual Service Kit (2 batteries + fan filter) - £3 (Or if bought with other goods -£2)

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule. Oak SCSI Drives for 300/400 .(2.11.2, 3.2.10, 3.4.15)

SCSI hard disc podule – £220

20M internal drive + SCSI pod -£400

45M internal drive + SCSI pod -£525 80M internal drive + SCSI pod -£720

100M internal drive + SCSI pod -£935

200M internal drive + SCSI pod -£1310

20M external drive + SCSI pod - £560

45M external drive + SCSI pod - £655

80M external drive + SCSI pod - £890

100M external drive + SCSI pod -£1130 200M external drive + SCSI pod -£1490

Oak ELITE SCSI Drives for 300/400(4.3.15) 40M internal drive + SCSI pod - £640

80M internal drive + SCSI pod - £1005 100M internal drive + SCSI pod - £1190

200M internal drive + SCSI pod - £1190

40M external drive + SCSI pod – £850

80M external drive + SCSI pod - £1190

100M external drive + SCSI pod - £1390

200M external drive + SCSI pod - £1750

300M external drive + SCSI pod - £2390 640M external drive + SCSI pod - £3010

560M Magneto-optical drive –£3800(3.8.32)
Data cartridges for Magneto-optical drive –£310

Oak SCSI Tape streamers(3.4.3) 60M SCSI Tape streamer - £1100

150M SCSI Tape streamer – £1350 1 Gb SCSI Tapestreamer – £2995(3.7.2)

60M Cartridges - £34 each

150M Cartridges - £37 each

1 Gb Cartridges - £45 each

A3000 external drives

20M external drive + SCSI pod – £390(4.3.15)
 45M external drive + SCSI pod – £655

80M external drive + SCSI pod - £890 100M external drive + SCSI pod - £1130

200M external drive + SCSI pod -£1130

330M external drive + SCSI pod - £2395 512M external drive + SCSI pod - £2995

A3000 drives in monitor stand(3.11.45)

20M drive + SCSI pod - £600

45M drive + SCSI pod - £695 80M drive + SCSI pod - £930

100M drive + SCSI pod - £1170

200M drive + SCSI pod -£1530

A3000 SCSI hard disc podule - £220

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (25ms) (w/o podule) – £650(4.1.47)

External 42M +Oak A300/400 podule -- £840 External 42M +Oak A3000 pod -- £840

External 42M +Lingenuity A300/400 podule – £815

External 42M +Lingenuity A3000 podule – £795 Extra 42M cartridges – £80

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series –£210 Internal 40M (28ms) drive for A400 series –£330 Internal 47M (28ms) drive for A400 series –£410

Digital Services TapeStreamer

30M Tapestreamer/5.25" interface - £640(4.1.4)

Disc Copying Auto-Loader

50-disc autoloader, software & leads - £2645(4.2.2)

A400 / 500 Computers & Upgrades

A3000 Computers & Upgrades

Areade Soccer - £18	(3.10,35)
Arcendium – £14	(2.5.2)
Arc Trivia – £23	(2.7.52)
Bug Hunter/MoonDash - £17	(3.10.26)
Caverns - £17	(3.5.2)
Cheat it again, Archie - £11	(2.7.55)
Cops (Adventure) - £18	(3.7.48)
Enthar-7 - £26	(2.1.44)
E-Type – £18	(3.2.49)
E-Type Designer – £16	(3 3 2)
E-Type Extra 100 miles = £16	(3.3.2)
Family Favourites – £18	(3.4.2)
Fireball II – £23	(3.5.41)
Freddy's Folly - £14	(2.1.45)
• Herewith the Clues! – £23	(2.1.43)
Holed Out = £18	(2.9.38)
Holed Out Extra Coures 1 – £16	(2.10.5)
Holed Out Extra Coures 2 – £16	
Holed Out Designer £18	(3.9.60)
• Hostages £19 (see back page of all glo	
Hoverbod – £14	(1.10.47)
fbix the Viking – £18	(3.1.45)
Interdictor – £30	(3.2,40)
Jet Fighter – £14	(2.3.2)
Maddingly Hall - £14	(3.8.3)
Man at Arms £19	
Minotaur - £14	(1.3.34)
Missile Control - £14	(1.10.47)
Olympics - £19	(3.9.58)
Orion - £14	(2.1.45)
Pacmania - £18	
Plague Planet – £11	(2.10.48)
Return to Doom – £19	(2.10.40)
Last Days of Doom -£19	
Repton 3 – £18	
Rotor – £23	(2.7.2)
Quazer = £11	
Quazer = 111	(1.10.47)
Superior Golf - £18 Star Trader - £16	(3.10.4)
Star Trader £10	(2.5.31)
Talisman - £14	(3.8.4)
Terramex - £18	
Thundermonk – £14	
Trivial Pursuit – £27	
U.I.M £28	(3.7.21)
WordUpWordDown - £16	(2.5.31)
Zarch - £18	(1.2.33)
700	

Z88

Z88 Computer – £230 128k ram pack – £49 128k eprom pack – £49 Eprom eraser – £39 Archimedes link – £35 Carrying case – £10 Mains Adaptor – £10

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £70 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 420/1 equivalent is £1260 + £70 + £200 = £1530 and a 440/1 costs £1260 + 3 * £70 + £390 = £1860.

N.B. These are exact functional equivalents of Acorn's 420/1 and 440/1 apart from the sticky label on the front!

If you want an Acorn monitor or a Cub 3000 at the same time, add £230, if you want an Acorn monitor or a Philips CM8833, add £260, if you want a 14" Eizo 9060SZ multi-sync monitor at the same time, add £500 and if you want a 16" Eizo 9070SZ monitor at the same time, add £860.

Stock Reduction Price Cuts

First Word Plus (Release 2) – £82 down to £75 Genesis – £85 down to £75

Art Nouveau - £42.50 down to £30

PC Emulator – £95 down to £80

Panasonic Sheet-Feeders & Ribbons

We now sell cut-sheet feeders for KX-P1124 printers at £125. Also, ribbons for Panasonic KX-P1124 printers have been proving difficult to get hold of but we've found a source of them at £11 each.

A3000 SCSI drives

Due to over-stocking, we have a few 20M and 80M Oak A3000 SCSI drives with podule at special prices of £520 and £920 respectively. The normal Archive prices £560 and £970, and Oak prices £615 and £1100. (Please ring before ordering to check availability.)

Acorn SCSI Podule

I bought one for review purposes and can't sell it at the full price of £320. Anyone want it for £220? Give me a ring if you are interested.

Archive Members' Price List – July 1990				
(All prices include VAT and UK carriage) (Numbers In brackets refer to Issues of Archive magazine.)	Oak SCSI Tape streamers(3.4.3) 60M SCSI Tape streamer – £995			
Shareware Discs Nº 0 to 29 - £3 each	60M Cartridges – £26 each			
Careware Discs Nº 1 to 7 - £6 each	150M SCSI Tape streamer – £1250			
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3	150M Cartridges – £30 each			
Program Discs 1.7, 1.8, 1.9 etc – £3 each(3.8.2)	1 Gb SCSI Tapestreamer – £4030(3,7.2)			
WIMP Template Editor - £8(2.5.29)	1 Gb Cartridges – £38 each			
Archive Back issues – £2 each	Computerware SCSI Drives(3.4.16)			
Binder volume 1, 2 or 3 – £5(1.7.3)	Internal 100M drive (without podule) – £790			
3.5" Discs, top quality branded – 10 for £15	Internal 200M drive (without podule) – £1230			
Printer cable – £10	External 100M drive (without podule) – £890			
Keyboard extension cable – £8	External 200M drive (without podule) – £1330			
Archimedes A300/400 dust cover – £10				
Archimedes A3000 dust cover – £11	Hard Drives - ST506			
	Computerware ST506 Hard Drives(2.9.54)			
Hard Drives – SCSI	Internal 20M drive + podule - £390			
Lingenuity SCSI Drives(2,11.2, 3,2.10, 3.4.15)	• Internal 40M drive + podule - £520			
SCSI hard disc podule for A310 – £215	• Internal 47M drive + podule - £590			
20M internal drive + SCSI pod (A300/400) - £410	Hard Disc Podule (inc metalwork/cables) - £220			
45M internal drive + SCSI pod (A300/400) - £545	• Internal 20M (22ms) drive for A410 - £230			
70M internal drive + SCSI pod (A300/400) – £870	• Internal 40M (24ms) drive for A410 - £340			
100M internal drive + SCSI pod (A300/400) - £910	 Internal 47M (22ms) drive for A410 – £430 			
200M internal drive + SCSI pod (A300/400) - £1355	Hard disc mounting kit for A410 £19(3.8.3)			
20M external SCSI drive – £390	Oak ST506 Hard Drives(3.7.2)			
45M external SCSI drive – £525	Internal 20M (28ms) drive for A410 – £210			
70M external SCSI drive - £850	Internal 40M (28ms) drive for A410 – £330			
100M external SCSI drive – £890	Internal 47M (28ms) drive for A410 – £410			
200M external SCSI drive - £1325	Hardware – General			
SCSI hard disc podule for A3000 – £165	A410/1 - £1260 (inc £100 free s/ware)(page iv)			
20M external drive + SCSI pod (A3000) = £505	Ram A410/1 - £70 per Mb (+ £10 if fitting req'd)			
45M external drive + SCSI pod (A3000) – £640	Single Ram chips (in case you damage one!) -£12			
70M external drive + SCSI pod (A3000) – £965	A3000 computer - £680 (inc £50 free s/ware)			
100M external drive + SCSI pod (A3000) – £1005	Learning Curve - £800			
560M Magneto-Optical drive – £4055	Monitor stand - £33			
972M Magneto-Optical drive – £5945	User Port & Midi – £52			
Data cartridges for Magneto-Optical drive = £330	Midi upgrade software - £15(3.6.2)			
Acorn SCSI podule – £320 (One only £220) (3.6.25) Oak Computers' SCSI Drives (2.11.2, 3.2.10, 3.4.15)	User Port & Analogue Port (Morley) – £72(3.6.2)			
SCSI hard disc podule (A300/400) – £220	Econet Upgrade £52			
20M internal drive + SCSI pod (A300/400) – £400	Serial upgrade – £20			
45M internal drive + SCSI pod (A300/400) = £400	Ext 3.5" drive for A3000 – £135(3.6.2)			
80M internal drive + SCSI pod (A300/400) - £810	• 1 Mb A3000 upgrade (Morley) – £105(3.3.3/3.6.2)			
100M internal drive + SCSI pod (A300/400) - £1150	• 3 Mb A3000 upgrade (Morley) = £285(3.3,3/3.6.2)			
200M internal drive + SCSI pod (A300/400) - £1470	• 1 Mb A3000 upgrade (Atomwide) £100(3.10,2?)			
20M external drive + SCSI pod (A300/400) – £560	• 3 Mb A3000 upgrade (Atomwide) £375(3.10.2?)			
45M external drive + SCSI pod (A300/400) – £655	• A3000 memory p.c.b. (Atomwide) – £35(3.10.2?)			
80M external drive + SCSI pod (A300/400) – £970	Monitors			
100M external drive + SCSI pod (A300/400) - £1270	Acom (Philips) colour monitor – £250			
200M external drive + SCSI pod (A300/400) - £1640	• Philips CM8833 14" colour monitor – £280(2.9.2)			
330M external drive + SCSI pod (A300/400) - £2870	• Microvitec Cub 3000, 14" colour – £250(2.9.2)			
560M Magneto-Optical drive – £4840	Eizo 9060SZ 14" multi-sync colour – £520(3.7.2)			
Data cartridges for Magneto-Optical drive – £310	• Eizo 9070SZ 16" multi-sync colour – £880(3.10.2) Oak 20" multi-sync colour – £1550(3.9.2)			

Eizo 21" hi-res paper white -£1050(3.9.2)

VIDC Enhancer – £35(3,10,21)

SCSI pod + ext drive for A3000 in various sizes

(external drive prices as for A300/400)

SCSI hard disc podule for A3000 – £220

Backplanes (all include fan)	C Dabhand Guide - £14(2.1.28)	Sound (Hardware & Software)	PipeDream Extended Dictionary – £7(3.2.28)
Acorn 4-layer 2-slot – £42	C Guide Disc +£8	Armadeus - £70(2.9.17)	The Account Book (Apricote) - £26(3.7.10)
Computerware 4-slot – £56	Iso-Pascal (Rel. 2) +£99(1.9.24 + 1.11.14)	Armadeus sampler podule – £140(2.9.17)	The Invoice Program (Apricote) £26(3.7.10)
I.F.E.L. 4-layer 4-slot - £66	Fortran 77 (Rel. 2) – £99(1.7.26)	Acom Midi podule - £74(3.2.26)	Personal Accounts (Apricote) - £14(3.7.10)
Upgrades	Lisp $-$ £199(1.12.14 + 2.3.37)	SoundSampler A448 – £150(2.9.3)	
Replacement Monse – £55(3.5.3)	Logotron Logo – £64(1.11.50) •	SoundSampler A448b – £180(2.9.3)	Spreadsheets & Databases
Replacement 3.5" drive for 310 ± £100(3.5.3)	Prolog System X – £179(2.10.34)	SoundSampler A448m - £210(2.9.3)	Alphabase - £42(2.5.37)
Replacement 3.5" drive for 400/1 - £70(3.5.3)	Risc BASIC Compiler – £89(2.9.32)	SoundSampler A616 -£1290(2.9.3)	Ancestry – £69(2.8.43)
	Rise Forth – £89(2.2.23)	Spectra SFFT software – £66(2.9.3)	Arcscan II Database - £17
5.25" Interface (Watford) £29	Twin Editor + £29		Knowledge Organiser - £55(3.9.54)
• 2M / 310 (Comp'ware) £370 (inc fitting) .(3.10.47)	Wingpass Macro Assembler V2 - £47(2.8.41)	Video (Hardware & Software)	System Delta-Plus II – £69(2.5.3)
• 4M / 310 (Comp' ware) – £575 (inc fitting) .(3.10.47)	Word-Processors, DTP, etc	Chroma 220 genlock A3000 – £165(3.5.3)	System Delta-Plus Reference Manual + £27
• 2M / 310 (Protokote) - £370 (inc fitting)(3.10.47)	DTP from Acors – £145(2.12.41)	Chroma 235 (220+ encoder/keyer) - £210(3.5.3)	Reporter - £37(2.6.27) Mailshot - £37(2.6.27)
• 4M / 310 (Protokote) – £575 (inc fitting)(3.10.47)	First Word Plus 2 • £82 (Offer price £75)(3.4.40)	Chroma 250 (235 + improved chroma) + £375(3.5.3)	Multistore -£250(3.4,33 / 3.6.46)
2M upgrade / 310 (Watford) - £330(3.10.47)	First Word Plus Extended Dictionary £7(2.8.30)	Chroma 320 genlock A300/A400 £165(3.5.3)	Inter-Sheet ROM – £42(1.1.20)
4M upgrade / 310 (Watford) – £575(3.10.47)	First Fonts, Maths/Scientific - £20(2.1.32)	Chroma 335 (320+ encoder/keyer) • £315(3.5.3)	Inter-Sheet disc $-$ £30
4 to 8M Upgrade (Atomwide) - £890(3.7.2)	Graphic Writer - £27(1.6.12)	Chroma 345 (335 + improved chroma) – £420 (3.5.3)	Matrix 3 · £89(1.11.2)
MEMC1a upgrade for 310/440 · £74(3.2.3)	Impression DTP - £155(3.2.59)	Chromatext software – £42(3.5.3)	
ARM3 · 30MHz (Watford) – £460(3.10.11)	Inter-Word ROM - £42(1.1.20)	XAT video utilities – £84(3.5.3)	SigmaSheet - £59(1.11.52 + 1.9.28)
ARM3 · 30MHz (Aleph One) – £650(3.10.11)	Inter-Word disc – £30(1.1.20)	Communications	Educational Programs
Panasonic KXP1081 9-pin printer +£175	Keyword - £18(3.3.32)	• Acom – £28(3.10.11)	BookBinder (Musbury) £50(3.4.2)
Panasonic KXP1124 24-pin printer – £275	Maps of the World - £28(3.7.3)	Arc-Comm – £28(2.10.2)	Craftshop 1 - £33(3.9.35)
32k buffer chip for KXP1124 – £19	SpellMaster ROM + £55(1.10.34)	Hearsay - £59(1.12.22)	Craftshop 2 – £33(3.9.5)
• Cut-sheet feeder for KXP1124 – £125(3.10.3)	SpellMaster disc + £41(1.10.34)	WS3000 V22bis modem – £310(2.8.5)	Desk Top Stories - £31(2.12.48)
• Ribbons for KXP1124 – £11 each(3.10.3)	Wordwise Plus A (80 column) £30(3.5,5)	Amstrad SM2400 modem – £210(2.8.5)	DigiSim £40(2.8.48)
Panasonic KXP4450 laser printer £1530	Wordwise Plus A (upgrade from BBC) – £10(1.2.20)	Modern connecting lead - £12	Droom – £20(1.7.42)
• Laser Direct • £1080(3.9.3 & 3.10.3)			Fun School 2 (under 6's) + £19(3.3.2)
Centronics Printer cable + £10	Art / Drawing etc Packages	Utilities	Fun School 2 (6 + 8's) + £19(3.3.2)
ROM Podule £53(1.7.44)	ArcImEd -£23(1.12.42)	• Anonymouse Desktop Utils • £12	Fun School 2 (over 8's) £19(3.3.2)
with battery backup £63	ArcPCB -£170(2.1.2)	Archway (WIMP tools) – £85(2.10.31)	Genesis -£85 (Offer price £75)(3.4.25)
32k RAM chips £17	ArcPCB Professional –£320(3.1.4)	Colour dump – Integrex – £25	Gate Array Teaching System + £79(2.6.3)
Atomwide prototyping boards(2.12.2)	Artisan 2 – £55(3.5.53)	Colour dump Canon £25	Jigsaw · £33(3.5.27)
Bare board with V1.1 ROM – £27	Artisan 2 upgrade (return Artisan disc) – £28(3.5.53)	Colour dump $- \text{LC10} - \text{£25} \dots (3.3.28 + 3.9.59)$	Numerator – £70(2.12.46)
Fully built with ROM – £38	Atelier - £85(2.12.46)	DataStore Utilities Disc – £15(3.2.32)	• PenDown (pre-release) – £42(3.10.3)
Fully built with RAM – £40	Art Nouveau - £42.50 (Offer price £30)(2.6.17)	DiscTree - £44	Documentation
Heonet module £52	AutoSketch – £79(1.7.3)	FontFX · £10(3.9.37)	A3000 Technical Manual · £28(3.8.2)
Floating Point Co-Processor + £635(3.6.3)	Drawing Board - £54(2.5.33)	Grey dumps (9-pin tone dump) – £13(2.6.47)	Assembly Language Book - £14(1.11.39)
1/O Podule - £88(1.7.38)	Euclid – £60(3.1.50)	Instigator • £45	Assembly Language Disc – £8
New software for I/O Podule -£12(3.6.2)	Mogul (for Euclid) £20(3.1.50)	Key-Define -£13(2.1.37)	Archimedes First Steps – £9(3.6.17)
Joystick (Voltmace) – £25	Splice • £25(3.8.4)	Outline Font Starter Pack - £47(3.5.3)	BASIC V manual (Acom) – £19(2.8.2)
Midi podule +£74(3.2.26)	Tween + £25(3.8.4)	Outline Fonts "New Hall" – £47	BASIC V Dabhand Guide – £9(2.9.2)
Midi podule upgrade software – £15(3.6.2)	Film Maker – £69(2.6.3)	PC Emulator £95 (Offer price £80)(1.5.24)	Guide to Acorn DTP (inc. disc) – £17(3.4.55)
Marconi Trackerball – £55	GammaPlot – £59(1.12.19)	Pro-Copier – £10(3.2.2)	Operating System Book + £14(2.6.45)
Watford Hand Scanner – £176(3.6.49)	GraphBox £69(2.8.4)	RISC-OS upgrade + £36(2.7.20)	Operating System Disc + £8
Scanlight - £495(2.12.49)	Inter-Chart ROM - £27(1.1.20)	RISC-OS Companion – £50(2.12.51)	*RISC-OS Prog Ref Manual – £75(3.1.53)
ScanLight Junior – £205	Inter-Chart disc - £20(1.1.20)		Z88 Dabhand Guide – £14(3.9.57)
Colour Digitiser Hawk V9 – £360(3.7.13)		Timewatch £28	
Languages	• Poster with fonts –£93(3.10.3)	Toolkit Plus – £42(2.2.32)	Games
ABC-2 BASIC Compiler - £89(2.5.16)	Presenter II + £42(1.11.46 + 3.3.23)	Worra Plotter · £27(3.3.3)	Adventure Lang Prog System (ALPS) + £29(3.3.50)
ABC Dynamic Extensions • £45(3.1.2)	Presentation System + £46(2.7.20)	Integrated Software	Alerion £14(2.1.45)
Acorn Assembler – £195(3.4.51)	Pro-Artisan • £85(2.3.19)	Home Accounts - £46(2.10.29)	All-in Boxing + £14(3.1.4)
Adventure Lang Prog System (ALPS) – £29(3.3.50)	Realtime Solids Modeller - £130(2.10.46)	Logistix - £99(1.9.31 + 1.10.4)	Anonymouse Desktop Games 1 · £9(3.3.9)
ANSI- C (Release 3) – £145	Render Bender £69(2.9.23)	PipeDream 3 – £145(2.12.23)	Anonymouse Desktop Games 2 - £9(3.3.9)
Cambridge Pascal - £70(3.4.27)	Solid CAD - £85(2.5.3)	PipeDream 3 upgrade (from 2 only) – £68	Apocalypse – £28(3.10.42)
C Front End – £18(3.4.49)	Super-Dump – £23	PipeDream 3 upgrade (from 2 + SpellCheck) +£37	Arcade 3 Compilation – £14(3.1.44)
Caroni Enter Service Control (Control)		,	

CCC 11 mr. AA		7 7 1 740	
C Guide Disc – £9		Iron Lord – £19	,
DTP Seeds – £8	(4.5.3)	Jet Fighter – £15	
Guide to Acorn DTP (inc. disc) - £18		Last Days of Doom/Hezarin - £20	(3.7.3)
Operating System Book - £14		Maddingly Hall – £15	
Operating System Disc – £9		Mad Professor Mariarti – £19	
RISC-OS Prog Ref Manual – £75		Mah Jong Patience – £19	
Z88 Dabhand Guide – £14	(3.9.57)	Man at Arms – £20	(3.11.58)
Games		Memory Magic ~ £16	
Adventure Lang Prog System (ALPS) – £33	3(3.3.50)	MicroDrive – £19	
Alerion - £15		MicroDrive Extra Courses – £15	
Alien Invasion – £15		MiniPack5 ~ Fireball II + Fish + Pon - £28	
All-in Boxing – £15		Minotaur – £15	, ,
Apocalypse – £29		Missile Control – £15	
Arcade 3 Compilation – £14		Nevryon – £19	
Arcade Soccer – £19		Olympics – £20	(3.9.58)
Arcendium – £15		Orion - £15	
Arc Trivia – £24	(2.7.52)	PipeMania – £24	
ArcPinball – £24		Plague Planet - £15	
Ballarena – £19		Powerband – £24	
Blowpipe – £20.		Pysanki – £19	
Bug Hunter/MoonDash – £18		Quazer - £11	(1.10.47)
Bug Hunter in Space – £18		Redshift £18	(3.12.3)
Caverns – £18		Repton 3 – £19	(2.3.2)
Cheat it again, Archie – £11		Return to Doom - £20	(4,7,27)
Chocks Away 2 – £24		Rotor – £24	(3.7.3)
Cops (Adventure) – £19	(1 7 A01	Square Route – £19	(4.5.4)
Crisis – £28		Star Trader - £17	(2.5.31)
Drop Ship – £19		Superior Golf – £19	(3.12.19)
Enthar-7 - £27		Talisman – £15	(4.3.50)
E-Type – £19	(2.2.49) (2.7.40)	The WIMP Game – £19	
E-Type Designer – £17	(2.43) (2.2.2)	Thundermonk – £15	
E-Type Extra 100 miles – £17		Trivial Pursuit – £28	
Family Favourites – £19		Twinworld – £19	(4.7.50)
Fireball II – £24		U.I.M. – £29	(3.7.21)
Fireball II + Fish + Pon (MiniPack5) - £28		WordUpWordDown - £17	(2.5.31)
		Worldscape - £20	(4.5.4)
Freddy's Folly – £15 Herewith the Clues! – £24	(2.1.43) (2.11.57)	Zarch – £19	(1.2.33)
Holed Out – £19	(10.20)		. ,
		Z88 Z88 Computer – £235	
Holed Out Extra Course 1 – £17	(2,10,5)	128k RAM pack - £50	
Holed Out Extra Coures 2 – £17		128k EPROM pack – £50	
Holed Out Designer – £19		EPROM eraser – £40	
Hoverbod , £15	. ,	Archimedes link – £36	
Hoverbod – £15			
Ibix the Viking - £19		Carrying case – £10	
Interdiate 2 522		Mains Adaptor – £10	
Interdictor 2 – £33	(4,2,17)		
			
			j

April Sales, nearly all gone!

We still have one or two items we want to clear from our stock list.

Hardware

- A3000 45M SCSI drive (full speed, not Worra Winnie) (1 only) £490 (was £525)
- A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) £680 (was £720)
- A310 4 M RAM upgrade (Protokote) It was £600 at old VAT price but we are prepared to sell it for £490 on a user-fitting basis. (1 only)

Software

U.I.M. - £14 (was £28) Olympics - £9 (was £19)

Bulletin Board Password

The password for the Archive bulletin board is 'impression' - phone 0603-745932.

A400 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1280 (and get £100 free software with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively.

So a 440/l equivalent costs £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Charity Sales

The following items are available for sale in aid of charity. PLEASE do not just send money – ring us on 0603-766592 to check if the items are still available. Thank you.

User Guidesfree! + £3 pos	stage
Used discs (some hardly used at all	0 -
10 for	£7
50 for	£25
CC ROM/RAM podule with 128k t	am
and battery backup	£40
Twin	.£10
Interdictor 1	£6
Superior Golf	.£ 9
Trivial Pursuit	£9
Acorn 2-slot b-plane	£15
Euclid	£25
ArcWriter	£5

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603–766592, Fax –764011)

Minerva Nominal Ledger – £90(4		Jigsaw - £33(3.5.27)	Archive Members' Pr	ice I ist _ March 1991
Minerva Ordering/Invoicing – £90(4		Landmarks (Egypt) – £20(4.5.3)	Alcilive Michibers	icc List - March 1991
Minerva Purchase Ledger – £90(4		Landmarks (2nd World War) – £20(4.5.3)	(All polices include VAT and III/ sequipes)	45M external drive + podule - £490(4.4.2)
Minerva Sales Ledger – £90(4		Logotron Logo – £64(1,11,50)	(All prices include VAT and UK carriage)	80M external drive + podule - £690(4.4.2)
Minerva Stock Management – £90(4		Magpie multi-media – £57(4.5.3)	(Numbers in brackets refer to issues of Archive magazine.) (- means either 'new product' or 'new price')	100M external drive + podule - £890
Office Tools – £320(4		Maps of the World – £28(4.1.54)		200M external drive + podule - £1290
Personal Accounts (Apricote) – £27(4.2		Mental Maths – £18(4.5.4)	Shareware Discs Nº 0 to 26 & 30 to 38 – £3 each	A3000 SCSI hard disc podule - £220
PipeDream $3 - £145$ (2.13)		Numerator – £78(2.12.46)	Any 10 Shareware discs – £27	Oak SCSI Tape streamers(3.4.3)
PipeDream Extended Dictionary – £7(3.2		Ollic Octopus Sketchpad (age: 4+) – £15(4.2.3)	Careware Discs No 1 to 12 – £6 each	60M SCSI Tape streamer – £1120
ShareHolder - £130(4		Order & Chaos (for Numerator) – £17(4.1.26)	Prog. Disc Vol. 1 Issues $1 - 6$ inc. on one disc $-£3$	150M SCSI Tape streamer – £1390
The Account Book (Apricote) - £32(4.2)		PenDown (full release) – £57(3.12.48/4.1.42/4.6.54)	Program Discs 1.7, 1.8, 1.9 etc – £3 each(3.8.2)	1 Gb SCSI Tapestreamer – £3090(3.7.2)
The Invoice Program (Apricote) – £32(4.2)	2.53)	P.I.P.P. – £37(3.12.51)	Volume 1 to 3 program discs (31) – £65	60M Cartridges (3M) – £23 each
Spreadsheets & Databases		RiscType V2 – £18(4.3.3)	Volume 3 program discs (12) – £28	150M Cartridges (3M) – £26 each
Alphabase - £42(2.5	5,37)	Robol.OGO – £90(4.4.54)	Volume 4 program discs advance booking (12) – £33	1 Gb Cartridges - £45 each
Ancestry – £69(2.8		Tiny Logo + Tiny Draw - £28(4.3.59)	Archive back issues – £2 each	_
Arcscan III Database – £17		Documentation	Binder volume 1, 2, 3 or $4 - £5$ each(1.7.3)	MicroNet Removable SCSI Hard Drives
DataVision - £130(4		A3000 Technical Manual – £28(3.8.2)	Binders 1 to $4 - £16$ for four	(Prices include cables and one 42M cartridge)
Financial Accountant – £245(4		(A540 Technical Manual – £65)	3.5" Discs, top quality – 10 for £13, 50 for £60	External 42M (20ms) (w/o podule) - £595(4.1.47)
Flexifile $-£130$ (4.5)		Assembly Language Book – £14(1.11.39)	Archimedes A300/400 dust cover – £10 Archimedes A3000 dust cover – £9	External 42M +Oak A300/400 podule – £795
Inter-Sheet disc – £30(1.:		Assembly Language Disc - £8		External 42M +Oak A3000 ext podule – £795
Inter-Sheet ROM – £42(1.:		Archimedes First Steps - £9(3.6.17)	Annual Service Kit (2 batteries + fan filter) – £3	External 42M +Lingenuity A3000 int podule - £775
Knowledge Organiser – £55(3.9		BASIC V manual (Acom) – £19(2.8.2)	Oak SCSI Hard Drives	Extra 42M cartridges – £80
Mailshot - £37(2.6		BASIC V Dabhand Guide - £9(2.9.2)	All Oak drives and tape streamers INCLUDE a podule.	ZCL SCSI Hard Drives (17 ms)
Matrix 3 – £89(1.:		DTP Seeds – £8(4.5.3)	Subtract £100 if you want a drive without a podule.	
Multistore II – £250(3.4.33 / 3.6		Guide to Acorn DTP (inc. disc) – £17(3.4.55)	A300/400 SCSI hard disc podule - £220	(Prices include cables and one 42M cartridge) External 48M (w/o podule) – £410(4.6.3)
Reporter – £37(2.6		Operating System Book - £14(2.6.45)	New software for SCSI podules – £11	Internal 48M (w/o podule) – £410(4.6.5)
	,			internal 40.41 (w/o podute) = ± 340
Schema - £110(4	1.1.5)		Worra Winnie SCSI Drives for 300/400	
Schema – £110		Operating System Disc – £8(2.6.45)	WorraWinnie SCSI Drives for 300/400	External 48M (Oak pexiule) - £590
SigmaSheet - £46(1.11.52 + 1.5	9.28)	Operating System Disc – £8(2.6.45) RISC-OS Prog Ref Manual – £75 (See page 6) (3.1.53)	20M internal drive + podule - £340	External 48M (Oak podule) – £590
SigmaSheet – £46(1.11.52 + 1.5 System Delta-Plus II – £69(2	9.28) 2.5.3)	Operating System Disc – £8	20M internal drive + podule - £340 45M internal drive + podule - £440	External 48M (Oak podule) – £590
System Delta-Plus II – £69	9.28) 2.5.3)	Operating System Disc – £8	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640	External 48M (Oak podule) – £590
SigmaSheet – £46(1.11.52 + 1.5 System Delta-Plus II – £69(2 System Delta-Plus Reference Manual – £27 Educational Programs	9.28) 2.5.3) 	Operating System Disc – £8	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840	External 48M (Oak podule) – £590
SigmaSheet - £46(1.11.52 + 1.55 System Delta-Plus II - £69	9.28) 2.5.3) 	Operating System Disc – £8	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240	External 48M (Oak podule) – £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2)	Operating System Disc – £8	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390	External 48M (Oak podule) – £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 6.56)	Operating System Disc – £8	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490	External 48M (Oak podule) – £590
SigmaSheet – £46	9.28) 2.5.3) 4.2.2) 4.2.2) 6.56) 4.2.2)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690	External 48M (Oak podule) – £590
SigmaSheet – £46	9.28) 2.5.3) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890	External 48M (Oak podule) – £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 3.9.5)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290	External 48M (Oak podule) – £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 9.35) 3.9.5) 4.5.2)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400	External 48M (Oak podule) – £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520	External 48M (Oak podule) – £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42)	Operating System Disc - £8	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1020	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1020 200M internal drive + podule - £1520	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.5.2) 9.35) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1520 200M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 9.35) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 80M external drive + podule - £720	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 2.2.59)	Operating System Disc $- £8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £690 100M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 80M external drive + podule - £920 100M external drive + podule - £1220	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 9.35) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 2.2.59)	Operating System Disc $-£8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £690 100M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 80M external drive + podule - £720 80M external drive + podule - £920 100M external drive + podule - £1220 200M external drive + podule - £1220	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 2.2.59) 2.2.59)	Operating System Disc $-£8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 80M external drive + podule - £720 80M external drive + podule - £720 100M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1720 Oak ELITE SCSI Drives for 300/400	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 2.59) 2.59) 4.1.3)	Operating System Disc $-£8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £440 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 100M external drive + podule - £120 200M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1720 Oak ELITE SCSI Drives for 300/400	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 2.59) 2.59) 4.1.3) 4.4.25)	Operating System Disc $-£8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 100M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1720 Oak ELITE SCSI Drives for 300/400	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 2.59) 2.59) 4.1.3) 4.4.25) 4.3.3)	Operating System Disc $-£8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £440 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £690 100M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 80M external drive + podule - £720 100M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1720 Oak ELITE SCSI Drives for 300/400(4.3.15) 40M external drive + podule - £860 80M external drive + podule - £1220	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 4.1.3) 4.6.2) 4.1.3) 4.6.2) 4.1.3) 4.2.59) 4.1.3) 4.2.51)	Operating System Disc $-£8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £690 100M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 80M external drive + podule - £720 100M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1720 Oak ELITE SCSI Drives for 300/400	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 2.59) 2.59) 4.1.3) 4.4.25) 4.3.3) 2.251) 4.5.3)	Operating System Disc $-£8$	20M internal drive + podule = £340 45M internal drive + podule = £440 80M internal drive + podule = £640 100M internal drive + podule = £840 200M internal drive + podule = £1240 20M external drive + podule = £390 45M external drive + podule = £490 80M external drive + podule = £690 100M external drive + podule = £890 200M external drive + podule = £890 200M external drive + podule = £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule = £520 80M internal drive + podule = £720 100M internal drive + podule = £120 200M internal drive + podule = £1520 40M external drive + podule = £720 80M external drive + podule = £720 100M external drive + podule = £720 00M external drive + podule = £1220 200M external drive + podule = £1220 100M external drive + podule = £1220 100M external drive + podule = £860 80M external drive + podule = £1220 100M external drive + podule = £1220 100M external drive + podule = £1420 200M external drive + podule = £1420 200M external drive + podule = £1780 300M external drive + podule = £1780	External 48M (Oak podule) - £590
SigmaSheet - £46	9.28) 2.5.3) 4.2.2) 4.2.2) 4.2.2) 6.56) 4.2.2) 9.35) 3.9.5) 4.5.2) 2.48) 8.48) 7.42) 4.1.3) 4.6.2) 4.4.2) 4.1.3) 4.6.2) 4.4.3) 4.5.3) 4.5.3)	Operating System Disc $-£8$	20M internal drive + podule - £340 45M internal drive + podule - £440 80M internal drive + podule - £640 100M internal drive + podule - £840 200M internal drive + podule - £1240 20M external drive + podule - £390 45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £690 100M external drive + podule - £1290 High Speed SCSI Drives for 300/400 40M internal drive + podule - £520 80M internal drive + podule - £720 100M internal drive + podule - £720 100M internal drive + podule - £1520 40M external drive + podule - £1520 40M external drive + podule - £720 80M external drive + podule - £720 100M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1220 200M external drive + podule - £1720 Oak ELITE SCSI Drives for 300/400	External 48M (Oak podule) - £590

20M external drive + podule - £390(4.3.15)

Family Favourites - £18(3.8.59)

Jiglet - £30(4.4.30 + 4.5.17)

10000 C	I/O Podule – £88(1.7.38)	Word-Processors & DTP	Solid CAL
A3000 Computers & Upgrades	New software for I/O Podule - £12(3.6.2)	DTP from Acorn - £145(2.12.41)	Solids Rer
\$3000 computer - £680 (inc £50 free s/ware)	Joystick (Voltmace) - £25	Easiword – £36(3.9.2)	Solid Tool
A3000 Learning Curve - £800	Joystick/switch - £18(4.1.4)	Equasor – £52(4.6.47)	Splice – £
A3000 Jet Set Pack – £710(4.1.4)	Midi podule – £74(3.2.26)	Expression PS - £21(4.5.3)	Super-Dur
Mb A3000 upgrade (Morley) – £80(3.3.3/3.6.2)	Midi podule upgrade software - £15(3.6.2)	First Word Plus 2 – £82(3.4.40)	Super-Plot
Mb A3000 upgrade (Morley) $-£240$ (3.3.3/3.6.2)	Marconi Trackerball – £55	First Word Plus Extended Dictionary - £7(2.8.30)	• Tracer (
Mb A3000 upgrade (Atomwide) - £80(3.10.2)	ScanLight Plus (A4) – £425(2.12.49)	First Fonts, Maths/Scientific - £20(2.1.32)	Tween - f
Mb A3000 upgrade (Atomwide) - £275(3.10.2)	Sheet feeder for Scanlight Plus – £105	Graphic Writer – £27(1.6.12)	Worra-CA
A3000 Econet Module – £52	ScanLight Plus Junior - £205	Impression 2 DTP - £175(4.5.49)	
A3000 Serial upgrade – £20	ScanLight Plus Junior A3000 - £205	Impression Dongle Dangle – £5(4.5.3)	Sc
A3000 User Port & Midi – £52		Impression Junior – £89(3.2.59)	Acom Mi
Midi upgrade software - £10(3.6.2)	SCSI podule for A300/A400 (Acorn) – £270		Armadeus
A3000 User & Analogue Ports (Morley) - £72 (3.6.2)	SCSI podule for A300/A400 (Lingenuity) - £185	Inter-Word ROM – £42(1.1.20)	Armadeus
A3000 Ext 3.5" drive for A3000 - £135(3.6.2)	SCSI podule for A300/A400 (Oak) – £220	Inter-Word disc - £30(1.1.20)	Rhapsody
SCSI podule for A3000 (Lingenuity) - £165	Connectors & Cables	Keyword - £18(3.3.32)	Supersour
GCS1 podule for A3000 (Oak) – £220	Keyboard extension cable – £8	Ovation DTP - £105(3.12.23)	Tracker -
	Modem connecting lead - £12	Protext 5.0 – £135(4.2.3)	
Monitors & Accessories	Printer cable (Centronics) – £10	ShowPage - £150(4.5.4)	
Acorn (Philips) monitor – £250	SCSI cable IDC to Amphenol – £15(page vi)	SpellMaster ROM – £55(1.10.34)	Acom - £
Philips CM8833 14" monitor – £280(2.9.2)	SCSI cable D-type to Amphenol – £15(page vi)	SpellMaster disc - £41(1.10.34)	Arc-Com
Eizo 9060SZ 14" multi-sync – £520(3.7.2)		Tempest DTP - £120(3.10.50)	ArcTerm
Faxan 795 14" Trinitron m-sync - £590(4.1.6 & 21)	SCSI cable Amphenol to Amphenol – £15(page vi)	Wordwise Plus A (80 column) - £30(3.5.5)	Hearsay -
Eizo 9070SZ 16" multi-sync – £880(3.10.2)	SCSf cable IDC to IDC - £15(page vi)	Wordwise Plus A (upgrade from BBC) - £10 (1.2.20)	WS3000
Faxan 970 20" multi-sync – £1690(4.1.6)	Printers & Accessories		Modem o
VIDC Enhancer – £35(3.10.21)	Panasonic KXP1081 9-pin printer – £155	Graphics & Clipart	
A3000 Monitor stand – £33	Panasonic KXP1124 24-pin printer – £275	History (Costume) Graphics Pack - £18(4.2.3)	ADE0
ong monitor lead with sound -£15(3.12.2)	32k buffer chip for KXP1124 – £15	Maps of the World $-£28$ (4.1.54)	ArcDFS
long momtor tead with sound - £15(3.12.2)	Cut-sheet feeder for KXP1124 – £125(3.10.3)	Pre-Historic Animals – £18(4.2.3)	Archway
		Tools – £18(4,4,3)	ArcMoni
A310 / A440 Upgrades	Ribbons for KXP1124 - £11 each(3.10.3)	World Wildlife Pack - £18(4.2.3)	CIS Utili
Replacement Mouse – £55(3.5.3)	Centronics Printer cable – £10	Art / Drawing etc Dockogo	Colour de
Replacement Mouse cable (Digitec) - £11	Laser Direct 300 dpi – £1080 (3.9.3 & 3.10.3 & 3.12.6)	Art / Drawing etc Packages	Colour d
Replacement Mouse cable (Logitech) - £13	Laser Direct 600 dpi (LBP8) - £1560(4.1.2)	ArcImEd - £23(1.12.42)	Colour d
Replacement 3.5" drive for 310 - £100(3.5.3)	Canon LBP4 – £950(4.1.2)	ArcLight - £46(4.4.19)	DataStor
Second internal 3.5" drive -£122	LD interface for LBP4 – £370(4.1.2)	ArcPCB - £160(2.1.2)	 DataSt
Replacement keyboard for 310/1 – £120	ArcLaser - £1040(3.11.3 & 3.12.6)	ArcPCB Professional – £320(3.1.4)	DiscTree
MEMC1a upgrade for 310/440 – £74(3.2.3)	Qume toner set - £75(4.1.4)	Artisan 2 – £55(3.5.53)	FontFX -
	Qume drum set - £95(4.1.4)	Art Nouveau – £42.50(2.6.17)	Grey dun
ARM3 – 24MHz (Aleph One) – £460(4.1.13)	Toner cartridge for LBP4/8 - £80	Atelier – £85(2.12.46)	Instigator
ARM3 – 25MHz (CJE Micros) – £390(4.1.3)		AutoSketch – £79(1.7.3)	Investiga
Econet module - £52	Languages	Drawing Board - £54(2.5.33)	Outline I
Acorn 2-slot backplane (inc fan) – £42	ABC-2 BASIC Compiler – £89(2,5,16)	Euclid – £60(3.1.50)	Outline I
F.E.L. 4-layer 4-slot backplane (inc fan) - £66	ABC Dynamic Extensions – £45(3.1.2)	Film Maker – £90(2.6.3)	PC Emul
Podules & External add-ons	Acom Assembler – £195(3.4.51)	GammaPlot – £46(1.12.19)	
5.25" drive interface (CJ Micros) – £35	Adventure Lang Prog System (ALPS) – £32(3.3.50)	GraphBox – £69(2.8.4)	RISC-OS
5.25" drive interface (Digital Svcs) – £38(4.1.2)	ANSI-C (Release 3) - £145	Inter-Chart ROM – £27(1,1,20)	RISC-OS
ROM Podule – £53(4.7.2)	Cambridge Pascal – £70(3.4.27)	Inter-Chart disc – £20(1.1.20)	Software
	C Front End – £18(3.4.49)	Mogul (for Euclid) – £20(3.1.50)	TCP/IP P
with battery backup – £63	C Dabhand Guide - £14(2.1.28)		TCP/IP F
32k RAM chips – £15	C Guide Disc - £8	Poster (with fonts) -£93(3.11.13)	ТСР/ІР І
Atomwide prototyping boards(4.4.46)	Fortran 77 (Rel. 2) – £99(1.7.26)	Presenter II – £42(1.11.46 + 3.3.23)	Timewat
Bare board with VI.3 ROM - £32	Iso-Pascal (Rel, 2) - £99(1.9.24 + 1.11.14)	Presenter II with Hotlinks – £49(3.10.3)	Toolkit P
Fully built with ROM - £43	Logotron Logo – £64(1.11.50)	Presentation System - £46(2.7.20)	WIMP T
Fully built with RAM – £49	Risc BASIC Compiler – £130(2.9.32)	Pro-Artisan – £85(2.3.19)	Worra Pi
		Realtime Solids Modeller - £160(2.10.46)	
APEC utilities disc - £4	-	Realtine 301103 Wiodeller - 2100(2,10,40)	
APÉC utilities disc – £4	Risc Forth - £130(2.2.23)		
Colour Digitiser Hawk V9 - £360(3.7.13)	Risc Forth – £130(2.2.23) RoboLOGO – £90(4.1.5)	Render Bender – £69(2.9.23)	Desktop (
	Risc Forth - £130(2.2.23)		Desktop C

Solid CAD - £130 (2.5.3) Solids Render - £130 (4.1.5) Solid Tools - £320 (4.1.5) Splice - £25 (3.12.38) Super-Dump - £28 (4.1.5) Super-Plot - £37 (4.1.5) • Tracer (Midnight Graphics) - £56 (4.6.3) Tween - £25 (3.12.38)		
Tween - £25(3.12.38) Worra-CAD - £80 (initial offer price)(3.11.4)		
Sound (Hardware & Software)		
Acom Midi podule – £74(3.2.26)		
Armadeus – £70(2.9.17)		
Armadeus sampler podule – £140(2.9.17)		
Rhapsody – £46(4.2.19 + 4.3.29) Supersound Creations – £17(4.3.4)		
Tracker – £46(4.5.44)		
Communications		
Acom - £28(4.3.40)		
Arc-Comm – £31(4.3.40)		
ArcTerm 7 – £75(4.5.2)		
Hearsay - £59(1.12.22)		
WS3000 V22bis modem – £310(2.8.5)		
Modem connecting lead −£12		
Utilities		
ArcDFS - £28(3.11.55 & 3.12.30 & 4.1.48)		
Archway2 - £90(4.5.2)		
ArcMonitor - £28(4.4.2) CIS Utilities (inc Pro-Copier) - £16(4.3.2)		
Colour dump – Canon – £25		
Colour dump - Integrex - £25		
Colour dump $-$ LC10 $-$ £25(3.3.28 + 3.9.59)		
DataStore Utilities Disc Nº1 – £14(3,2.32)		
 DataStore Utilities Disc Nº2 – £14(4.6.2) 		
DiscTree - £44(2.8.24)		
FontFX - £10(3.9.37)		
Grey dumps (9-pin tone dump) - £13(2.6.47)		
Instigator $-£45$		
Outline Font Starter Pack $-£47$ (4.5.5)		
Outline Fonts 'Newhall' - £47(3.5.3)		
PC Emulator – £95(1.5.24)		
RISC-OS upgrade – £36(2.7.20)		
RISC-OS Companion – £50(2.12.51)		
Software Developer's Toolbox - £175(2.3.2)		
TCP/IP Protocol Suite - £195		
TCP/IP Protocol Suite Site Licence – £995(4.2.3) TCP/IP Programmers Pack – £48(4.2.3)		
Timewatch – £28(3.2.28)		
Toolkit Plus – £42(2.2.32)		
WIMP Template Editor – £8(2.5.29)		
Worra Plotter – £27(3.3.3)		
Integrated Software		
Desktop Office - £120(4.1.40 + 4.2.55)		
Home Accounts – £46(2.10.29)		
Minerva Business Accounts – £350(4.1.3)		
•		

Fireball II $-$ £23(3.3.41)	Pipelviania – £25(4,4.7)
Fireball II + Fish + Pon (MiniPack5) - £27(3.5.41)	Plague Planet - £14(2.10.48)
Freddy's Folly – £14(2.1.45)	Powerband - £23(4.3.3)
Herewith the Clues! – £23(3.11.57)	Pysanki – £18(4.4.52)
Holed Out – £18(2.9.38)	Quazer - £11(1.10.47)
Holed Out Extra Coures 1 – £16(2.10.5)	Redshift - £17(3.12.3)
Holed Out Extra Coures 2 £16(2,10.5)	Repton 3 – £18(2.3.2)
Holed Out Designer – £18(3.9.60)	Return to Doom - £19
Hostages - £19(4.4.16)	Rotor – £23(3.7.3)
Hoverbod – £14 ,,.(1.10.47)	Square Route – £18(4.5.4)
Ibix the Viking – £18(3.1.45)	Star Trader – £16(2.531)
Inertia – £18(3,12,43)	Superior Golf – £18(3.12.19)
Interdictor $2 - £32$ (4.2.17)	Talisman – £14(4.3.50)
Iron Lord – £18(4.5.3)	The WIMP Game – £18(4.3.42)
Jet Fighter – £14(2.3.2)	Thundermonk – £14(2.5.3)
Last Days of Doom/Hezarin - £19(3.7.3)	Trivial Pursuit – £27(3.6.41)
Maddingly Hall – £14(3.8.3)	Twinworld – £18(4.4.3)
Mad Professor Mariarti – £18 ,(4.5.3)	U.I.M £28(3.7.21)
Mah Jong Patience – £18(4.3.3)	WordUpWordDown - £16(2.5.31)
Man at Arms – £19(3.11.58)	Worldscape - £19(4.5.4)
Memory Magic – £15(3.11.3)	Zarch - £18(1.2.33)
MicroDrive – £18(3.11.3)	700
MicroDrive Extra Courses – £14(4.3.3)	Z88 Z88 Computer – £230
MiniPack5 - Fireball II + Fish + Pon - £27(3.5.41)	128k RAM pack – £49
Minotaur – £14(1.3.34)	128k EPROM pack – £49
Missile Control – £14 ,(1,10.47)	EPROM eraser – £39
Nevryon – £18(4.1.53)	Archimedes link – £35
Olympics – £19(3.9.58)	Carrying case – £10.
Orion – £14(2.1.45)	Mains Adaptor £10
	Mains Adaptor £10

March Sales, would you believe?

We still have one or two items we want to clear from our stock list....

Hardware

- A3000 45M SCSI drive (full speed, not Worra Winnie) mounted in bridge (1 only) £540 (was £695)
- A300/400 100M external SCSI drive (full speed, not Worra Winnie) (1 only) – £990 (was £1130)
- A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) £680 (was £720)
- A3000 20M Worrawinnie external SCSI drives -£380 (was £390). Buy two or more at £360 each,
- A310 4 M RAM upgrades (Protokote) They were £600 but we are prepared to sell them for £490 on a user-fitting basis. (1 left)

Software

- Presenter II (without HotLinks) £29 (was £42)
- U.I.M. £14 (was £28)
- Olympics £9 (was £19)

Bulletin Board Password

The password for the Archive bulletin board is 'impression' - phone 0603-745932.

A400 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 440/1 equivalent costs £1260 + 3 * £50 + £390 = £1800.

If you buy an Acorn 14" standard resolution monitor at the same time add £200, if you want an Eizo 9060SZ add £450 or for a Taxan 795 add £550.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Help for the Handicapped

Many may no know that for a number of years, Aleph One have sold computer-enhanced biofeedback systems which are used to help in the rehabilitation of physically handicapped persons. Signals emanating from muscle tension appear on the screen as graphs or are used to control video games. Aleph One have recently translated the software as a RISC-OS application and are looking for free or public domain games that can be made available, with the package, to these patients. If you know of any entertaining games that could be controlled by one or two joysticks or switches, please talk to Laurie van Someren at Aleph One on 0223–811679 or fax him on 812713.

Charity Sales

The following items are available for sale in aid of charity, PLEASE do not just send money – ring us on 0603-766592 to check if the items are still available. Thank you,

-
User Guides£2 + £3 postage
Used discs50p each
10 for£4
50 for£15
Acorn ROM/RAM podule£18
CC ROM/RAM podule with 128k ram
and battery backup £60
Family History£9
Global View£4
Personal Investor£9
I/O podule£50
StarTrader£5
Twin£10
Quazer£3
Integrex colour dump£10
Interdictor I£6
Holed Out£8
Superior Golf£9
Trivial Pursuit£9
Artisan Support Disc£2

PRM's are now in stock!!!

Acorn said that the RISC-OS Programmers' Reference manuals are in short supply and would be so for some while to come although, at the moment, we have some in stock. Never-the-less, if you want a copy, please send a SEPARATE CHEQUE, so that if we run out and can't get any more for a while, can hold your cheque until the manuals come back into stock,n said that the RISC-OS Programmers' Reference manuals are in short supply and would be so for some while to come although, at the moment, we have some in stock. Never-the-less, if you want a copy, please send a SEPARATE CHEQUE, so that if we run out and can't get any more for a while, can hold your cheque until the manuals come back into stock.

20" Microvitec monitor

We have been trying to find the best multi-sync colour monitor for use with the Archimedes for DTP'ing the magazine. We have ended up with the 20" Microvited as the best quality we can find. However, we have decided that it is actually too big and are considering a new 17" Taxan monitor as an alternative. If we decide to go for the 17", we will have a 20" available, which has been used for only a couple of weeks, for a knockdown price. It retails at about £1500 and we would be able to sell this one for around £1100 (inc VAT). If you are interested, give us a ring and we will find the exact prices.

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603–766592, Fax –764011)

People are getting the MeA!

"a beautiful solution ... unique, quick, quiet and incredibly convenient ... ICS should be praised for the instruction manual" - BBC Acorn User, April (reviewing A3000 Internal)

"installation procedure was quite trivial ... dual colour LED is a neat solution ... used extensively for weeks, everything perfectly straightforward (including running a DOS partition) ... good devices at competitive prices" — Archive, January (reviewing A310 Internal)

"very impressive ... fan is quieter ... no difficulty in running all fully RISC OS applications" – The Micro User, January

"What a good idea" - Margaret Thatcher

- Look out for reviews in RISC User and Archimedes World soon -

We have now added external options to our range of *ideA* hard disc upgrades. DEARCEX serves the A300/400/500 series, while there are two choices for the A3000. DEA3EX provides an external hard disc but uses the internal expansion slot, leaving the external slot free. It can work in conjunction with some disc buffer boards. Alternatively you can fit an IDEARCEX to the external slot, leaving the internal slot free (this option requires a podule case).

Of course the IDEA3IN20 fully internal 20 Mb hard disc remains the neatest answer for the A3000, offering security and robustness with hardly any extra weight and no extra size. The 60 Mb option has been delayed by the disc manufacturers till at least May, but we hope to have tested a 40 Mb by the time you read this.

We can't offer you an IDE tape streamer just yet, but you can have two complete 80 Mb hard discs installed for £748 (internal) or £878 (external). That's including everything except VAT.

All ideA discs are tested and guaranteed. Most are self-parking, and some have power-saving (they switch off automatically when not in use). The ideA system is compatible with RISC OS and ADFS.

Please see our full price list overleaf.

Acorn dealers and educational suppliers: don't miss out on our excellent trade terms! Please call.



TWO

TWO consists of a Task Organiser, a Window Organiser, and a few Useful Extras – all for £19.

The TASK ORGANISER allows you to group several jobs together under one name and perform them all with a single action.

This one action might load some fonts, install a printer driver, and start up a desktop publishing program with a particular file open and a directory displayed.

The task can be performed automatically when the computer is switched on, but it may also be selected from a simple list on screen.

Defining a task is just a matter of dragging icons to a dialogue box. You can give it a meaningful name, so inexperienced users will find it easy to start work using a list of tasks set up by a teacher.

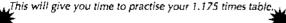
The WINDOW ORGANISER provides three ways of tidying up the windows displayed on screen, making it much easier to find them.

A single click on the mouse will bring a window from the back to the front, even if it is not visible. You can also close all windows at once.

The USEFUL EXTRAS

Timed screen blanking • Menu for *Copy and *Wipe options •
 Simplified *Backup • Easy control of *Configure settings, password-protected • Easy creation of Obey files • Quick cursor location •





Cross-32 Meta-Assembler

This professional table-based cross-assembler works with over 50 target processors (including ARM2 and 3), and has been used for some time on PCs. A RISC OS desktop version by Baildon Electronics is now available. Cross-32 is user-friendly and supports conditional assembly and macros. Output is in absolute binary, or Intel or Motorola Hex formats (ideal for eprom programmers and emulators).

You can modify the tables supplied or add new ones to cater for new processors and opcodes.

Oddules

Baildon Electronics Oddules open the way to cheap, flexible and almost unlimited external expansion via the PC bus already supported by RISC OS. Baildon are producing a range of Oddules which may be daisy-chained.

Ready now is the *AnDi* Oddule. It has eight digital I/O channels with high current open collector drivers, four A/D inputs, and one D/A output. AnDi is capable of emulating user and joystick ports, allowing ADVAL operation from BASIC, and the use of Concept Keyboards and analogue or digital joysticks.

DrawBender

DrawBender distorts Draw files to follow a shape of your choice. A useful addition or cheap alternative to Poster, supplied with these **Lhice** decorative fonts.



DrawBender is simple to use, without any complex menu structures. The example above uses DrawBender with FontFX – the two make ideal companions.



ARC11, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL

Tel / Fax 051-648 6287

ARCT1, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL Tel/Fax: 051-648

RETAIL PRICE LIST **April 1991**

UK customers please add 171/3% to the total price. except for the zero-rated items marked VD . E.g., £100 x 1.175 = £117.50.

Cerriage Free in mainland UK if you pay on ordering.

Oversess Add £6 (Europe) or £12 (clsewhere) for each software item if paying by pounds sterling bank draft payable in England, or Eurocheques not exceeding £100 each. If you are paying by credit card we will add airmail and insurance at cost. (Add £10 + 1% of the total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Pavment due in 14 days. Invoices subject to carriage and late payment charges

Site licences Please enquire if no price is shown.

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting.

Goods are guaranteed but we do not supply them on approval.

BBC / MASTER /

ELECTRON SOFTWARE				
BFT Basic Editor and Toolkit				
 rom module 	ICS	£19		
 rom in cartridge 	ICS	£25		
Powerfont NTQ	IC5	£13		
Spellmaster rom	CC	€52		
Wordpower	ICS	£36		
 site licence (extra) 		£100		
 extra rom 		£7		
 extra manual 		V0 £7		

ARCHIMEDES SOFTWARE

If it's not on the list, please ask for a quote. We will always try to match the best prices.

ABC Basic Compiler	Oak	€77
Accounts	Min	£243
ANSI C Release 3	Aco	£125
Apocalypse	4th	£24
Archway (now in stock)	Sim	£78
ArcLight	Ace	£40
ARC-PCB	Sil	£139
 Professional 	Sil	£277
Armadeus	Cla	€59

0,,,.,			orooyolaa, Englana	, 201 4/4	L TOPPOR. SOFT
ABBR	EVIATIONS	Cit	Citizen	Mit	Mitre
		Cla	Clares	Min	Minerva
Ace	Ace	Col	Colton	Oak	Oak
Aco	Acorn	Dat	Data Store	Pana	Panasonic
Арг	Apricote	Dig	Digital Services	Pand	Pandora
Am	Armadillo	Emr	EMR	Pil	David Pilling
Arn	Arnor	Hum I	Human-Computer	Ser	Serial Port
Arx	Arxe	1CS	lan Copestake	Sil	Silicon Vision
Ato	Atomwide	1fe	IFEL	Sim	Simtron
Aut	Autodesk	lot	lota	Sta	Star
Bai Bail	don Electronics	iri	Irlam	Tec	TechSoft
Bee	Beebug	Kad	Kador	4ma	4Mation
Cal	Calligraph	Lin	Lingenuity	4th F	ourth Dimension
Çan	Canon	Lon Le	onoman Locotron		
CC Con	nputerConcepts	MicP	Micro Power	Ð	Draw format
Cha	Chalksoft	MicS	Micro Studio	Þ	Paint format
Cir	Circle	Mid N	Aidnight Graphics	✓ On	special offer!

Artisan II	Cla	£44
Artisan Gallery	C!a	£16
Atelier	Min	£67
Autosketch CAD	Aut	£69
Chess 3D	MicP	£18
Children's Graphics DP	MicS	
Chocks Away	4th	£19
- Extra Missions	411	£15
Clip Art D	Mid	£78
Colour Screen» Mac	Hum	
- Arc/Mac Cable	пшп	£24
Craftshop 1	4ma	£28
- network version		£34
Craftshop 2	4ma	£28
- network version		£34
Cross-32 Meta-Assemble	_	
_	Bai	£175
DataVision	Sil	£113
Decorated Alphabet P	MicS	£17
Designer Intro	Tec	£75
Desktop Enhancer	Mit	€26
Desktop Office	Min	£96
Desktop Publisher	Aco	£110
Disc Tree	Mit	£37
DrawBender + Fonts	ICS.	€12
- site licence		£50
Drop Ship	4th	€15
DTP Graphics 1 (Mono)	MicS	
DTP Graphics 2 (Colour)		£17
DTP Seeds	4ma	∧o €B
Easiword	Min	
		£31
Equasor 🗸	CC	£40
Е-Түре	4th	£15
Euclid 2	Ace	£52
Expression PS	CC	£18
Film-Maker	Sil	£75
Financial Accountant	Sil	£204
First Words and Pictures	Cha	£19
FlexiFile	Min	£113
Flying Start (I	Mit	£86
Fontf X	Dat	£9
- site licence (total)	ψ α ι	£60
Font Pack	Aco	1.00
- Newhall / Starter / Sy	mbol	
. iorinan', biquiti / by	each	£41
Font Pack	Bee	
- 1 (already included w		_{a-}
tion): Paladin, Swiss B,		
Voque	-711767	£43
- 1906	_	. 4.3

- 2: Bookman, Chancery, Courier,

EMR	Pil	1	David I		Not
Computer	Ser	_		I Port	Nu
Copestake	Sil	S	ilicon \		Nu
IFEL	Sim		511	ntron	Nu
lota	Sta		τ	Star	
Irlam	Tec			hSoft	0
Kador	4ma 4th	Fourth		lation	Oly
Lingenuity	410	FOUR	Ulme	nsion	Öv
Logotron cro Power	Đ)raw fi		P
cro Studio	Þ		Paint fo		Per
t Graphics		n spe			-
СОТВРИТЕЛ		11 3410	-121 U	11013	Per
Garamor	nd			EPOA	Pip
- 3: Ding		lew Ce	nturv		Pira
Schoolib				EPOA	Pos
Font Pack			CC		Pov
- Avant	Garde /	Bookn	ian/		Pre
Pembro	ke		each	f29	Pre
Fortran 77		e 2	Aco	FB2	-
Fourier An	alysis		Arm	£60	
Gammar	tole		Min	F52	Pre
Gate Array	, Desino	Teact		1 02	Pre
SOLO MID	Design	i Caci	Sil	£113	Pre
Genesis II			Oak	£113	Prin
- educat	tion prin	e	Oun	£99	
GerberPlot			Sif	£92	Pro
GraphBox	-		Min	£61	Pro
	_				Pur
Hard Dis	c Comp	anion	Bee	£35	Pur
Hearsay		_	Bee	£51	Pur
History Co		P	MicS		
Holed Out			4th	£15	R
Hotlink Pre House of I		_	Lin Cha	£43 £19	Rea
Hyperbook				C47	Rei
Hyperbook			Lon	L47	Rev
(including			Lon	£109	Rev
	-				Rha
Impress			CC 1	E120	Ris
- netwo		on		£650	Ris
- site lic				£545	RIS
– extra h				5 £15	l RIS
- extra n				83 W	R
Impressi		1101	ŲΨ	£68	Rot
- site lic			_	£435 ^{VO} £7	
– extra n	nanuari	or site	s 4th		S
Inertia Inspiration			Pand i	£15	Sch
Interdictor			Cla	£27	Sco
Investigato			Ser	£23	Sha
ISO C Dev		m	Bee	£77	Sho
	i Sysic				Sign
J iglet			4ma	£26	\$ni
Jigsaw			4ma	£28	Soli
Keyboard	d Player		Cha	£17	Soli
Knowledge	e Organ	iser	Cla	£47	Soli
					Spa
Letters at	na Pietu	ı.G2	Cha	£17	Spe Spli
Logo			Lon	f55	
M agpie			1,on	648	Squ
Maps and			Cha	€19	Stu
Maps and		ipes 2		€19	Sup
Mark Mast			Cha	f67	Sup
Mogul			Ace	£17	5ys
					~,
					1

•	. –	
6287 Internat: +44 51	648	6287
Movaword	Cha	£17
MultiFS	Αn	£27
Multistore	Min	£197
 site licence (total) 	6	1250
Nevryon	4th	£15
Note Invaders	Cha	£17
Numbers and Pictures	Cha	£17
Numerator	Lon	665
Numerator Chaos	Lon	£18
Office Tools	Sil	£278
Olympics	4th	£15
Ovation	Bee	£79
Payroll	Min	£129
Pendown	Lan	150
- Extra Outline Fonts Personal Accounts	Lon	£18 £23
PipeDream 3	Apr Col	£118
Pirate	Cha	£17
Poster	4ma	£79
Powerband	4th	€20
Prehistoric Animals P	MicS	
Premier	Cir	£71
- DataBase	Cir	£25
- WordProc	Cir	£75
Presentation System	Sil	£61
Presenter Story	Lin	F149
Presenter II	Lin	£36
Printer Drivers, RISC OS	Ace	
- Epson / Star / Citizen		r £13
Pro Artisan	Cla	€74
Professional PDT CAD	Oak	£353
Protext	Arп	£117
Puncman 1 and 2	Cha	£17
Puncman 3 and 4	Cha	£17
Puncman 5 to 7	Cha	€17
Real McCoy	4th	£24
Realtime Solids Modeller		£139
Render Bender	Cla	£58
Revelation	Lon Cha	£68
Reversals Rhapsody	Cla	£17
RiscBASIC Compiler	Sil	£35 £113
RiscForth Compiler	Sil	£113
RISC OS Companion Vol	ī	1,113
THOSE OF COMPANION FOR	Oak	€49
RISC OS Programmer's	4207	
Reference Manual	Aco \	⁰ £75
Robollogo	Sil	€75
Scheme v	CI -	£89
School Administrator	Cla	
Score PMS	Min	£69 £499
ShareHolder	£mr Sil	£139
ShowPage	CC	£125
Sigma Sheet	Min	£123
Snippet	4ma	€26
SolidCAD	Sil	£109
SolidsRender	Sil	£109
SolidTools	Şii	£279
Spark	Pil	€5
Spelling - week by week	Cha	£19
Splice	Ace	€25
Squirrel	Dig	£105
- Econet or site licence		£475
Studio 24 Plus	Fmr	F149
Super-Dump	\$il	£24
Super-Plot	Sil	F37
System Delta Plus II	Min	£54

Timewatch	Mit	€26
Toolkit Plus	Cla	€37
Tools Graphics D	MicS	
Touch Type	lot	£41
Tracer	Mid	E48
Tween	Ace	£25
TWO (Task and		
Window Organiser)	ICS	£19
 site licence 		£60
Utility Disc 1	Dat	£12
Utility Disc 2	Dat	£12
View»Mac 3		
• Arc/Mac Cable	Hum	£65 £24
		£ 24
Wimp Game	4th	£15
Wordpower (Archimede		
	ICS	£36
- site licence (extra)		£100
Words and Pictures	Cha	£17
World Geography Maps		
LII. ZZERRIJEZ - E-	MicS	
World Wildlife P	MicS	£17
1 st Word Plus	Aco	£69
PRINTER	S	
ArcLaser	Cal	£904
Bubble Jet BJ-10e	Can	€276
- Sheet feeder		£54
Bubble Jet BJ-300	Can	£455
Bubble Jet BJ-330	Can	£535
KX-P1123	Pana	£199
KY-P1174	Pana	rnne

PRINTERS				
ArcLaser	Cal	£904		
Bubble Jet BJ-10e	Can	£276		
 Sheet feeder 		£54		
Bubble Jet BJ-300	Can	£455		
Bubble Jet BJ-330	Can	£535		
KX-P1123	Pana	£199		
KX-P1124	Pana	£226		
 32k ram for KX-P112 	3/4	£20		
KX-P1624	Pana	£369		
Laser Direct Qume	CC	£856		
Laser Direct LBP-4 Card	CC	£309		
Laser Direct LBP-8 8 ppr	n			
600 dpi including toner	CC	1340		
LBP-4 4 ppm	Can	€750		
t C24-10 32k ram card	Sta	£61		
Swift 24 Colour	Cit	€279		
Rebuilt Canon Toner cartridge £45				
Archimedes parallel printer cable £8				

ODDULES

AnDi	Bai	£49
Oddule Adaptor	Bai	63
(needed with your first	t Oddu	rle
unless you have an IRC	sock	et)

FUNCTION KEY STRIP ORGANISER

Arckey	1CS	V0 £3
quantity of 4		V0 £10

SECRETORY ADDROUGH

MEMURY, AKMS I	5 I C
Fitting extra unless state	d
f Fitting is straightforwar	ď
‡ Fitting requires expertis	se se
A3000 2Mb 1 Ife	£69
A3000 4Mb t Ite	£243
A310 2Mb # Ife	£215
 as above including fitting 	£259
A310 4Mb t lfe	£259
 as above including fitting 	£309
8Mb A400/1 / A440 / R140	
Ato	£699
ARM3	£400

	Ato	£699
ARM3		£400
4-slot 4-layer Backplane	lfe	£57



HARD DISC **UPGRADES AND ACCESSORIES**

☆ LOWER PRICES!

A number at the end of a product name is the capacity in megabytes. Our 'upgrades' are fully guaranteed and include the ideA controller card, a (an (where needed), and everything else you will require. A backplane is optional on the A310, but if you do use one it must be a four-layer

A300/400/500 series internal

upgrade		
IDEARCIN40	28ms 🕸	£299
(DEARCIN80	19ms 🕸	£449
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899
A300/400/500 set	ies external	

upgrade (May also be fitted to A3000 external expansion slot using a podule

	çase)		
ļ	DEARCEX40	28ms	£429
	DEARCEX80	19ms	£579
	DEARCEX135	28ms	£829
1	DEARCEX200	15ms	£999

A3000 fully internal upgrade IDEA3IN20 23ms & £375 IDEA3IN40 £POA IDEA3IN60 **EPOA** Fitting of required F25

A3000 external upgrade (External drive using internal expansion slot; can combine with PRES Disc Buffer Board using adaptor) IDEA3EX40 etc

- prices as for IDEARCEX40 etc.

Additional hard discs (The following hard discs are only one inch high and may be doublebanked in the same cradle or external case, sharing the one controller card)

IDEA80 80Mb 19ms £299

A3000 accessories IC PUINTH £21

ideA controller cards and accessories

(For use with your own IDE hard discs; we can only accept responsibility for performance with discs we have tested ourselves) IDEARCIN Archimedes Intern £110 IDFARCEX Archimedes Extern £130 IDEA3EX A3000 External £140 Internal hard disc cradle kit €15 Fan kit (Standard) £10 Case with power supply & fan £125 Fan kit (A3000 Internal)

Recommended for backing up Beebug Hard Disc Companion £35

Recommended for ease of use ICS Task & Window Organiser £19

KEYBOARD COVERS Seal 'n Type (spill-proof)

- Archimedes Kad £14 - A3000 Kad £14

SCANNERS

i-Scan	lr!	£587
Scan-Light A4	CC	F341
 as above + Sheet Fee 	eder	E432
Scan-Light Junior	CC	£175
 A3000 version (intern 	al)	£175

ICS FONTS

1st Word Plus First Fonts PipeDream PipeDrivers Wordpower Power Fonts

Please ask for details of our range of Symbol Sets and Typefaces for most printers. For example:

Star LC-10 typefaces Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

PipeDriver Dot 1 For dot matrix printers with more features than PipeDream knows what to do with - provides access to resident and download fonts, ink colours, variable print size and line spacing etc.

NEWS IN BRIEF

- The first of the PC Oddules - the **AnDi** - is now available.
- Improve your productivity with Cross-32, the new RISC OS table-based Assembler for professionals.
- >> TWO clicks are all you need to start a complex job with the Task and Window Organiser.

More details overlest.



JUST ADD 15% to the prices shown (cash sales only)

EA/OF 5036 9(MR)3

In the News

What's TWO do?

TWO consists of three parts: a Task Organiser, a Window Organiser, and a few Useful Extras – all for £19.

The task organiser allows you to group several jobs together under one name and perform them all with a single action.

This one action might load some fonts, install a printer driver, and start up a desktop publishing program with a particular file open and a directory displayed.

The task can be performed automatically when the computer is switched on, but it may also be selected from a simple list on screen. Other jobs can be shut down automatically to free memory.

Defining a task is just a matter of dragging icons to a dialogue box. 42 tasks can be available at one time, each performing up to five jobs.

You can call the task anything from "Start DTP with Font Set A" to "Jenny's Revision Schedule". Inexperienced users will find it easy to start work using a list of tasks set up by a teacher.

TWO is especially useful when you have a hard disc.

The window organiser provides three ways of tidying up the windows displayed on screen. They are reduced in size, then placed in a single pile, or stacked so that just the title bars are visible, or organised into separate areas.

A single click on the mouse will bring a window from the back to the front, even if it is not visible. You can also close all windows at once.

Individual windows may be tagged so that they are not tidied or closed.

The useful extras

- Timed screen blanking.
- Menu for *Copy and *Wipe options.

- Simplified *Backup.
- Easy control of *Configure settings, password-protected.
- · Easy creation of Obey files.

Cross-32 Meta-Assembler

This table-based cross-assembler compiles programs for over 50 target processors (including ARM2 and 3), and has been available for some time on PCs. We are releasing a RISC OS desktop version by Baildon Electronics in March. Cross-32 is userfriendly and supports conditional assembly and macros. Output is in absolute binary, or Intel or Motorola Hex formats (ideal for most eprom programmers and emulators).

You can modify the tables supplied or add new ones to cater for new processors and opcodes. Cross-32 awaits your instructions at £175.

Oddules

An exciting new series of low-cost I/O expansion units by Baildon Electronics uses the PC fast synchronous serial bus interface present in Archimedes computers. Communicating at up to 100 kbits/sec through just four wires, Oddules can be combined to suit your own needs.

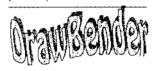
Ready in March at only £49, the AnDi Oddule is an 8 bit digital I/O port with A/D and D/A conversion. It drives relays, motors and lamps as well as logic, and can take 10,000 samples per second.

Oddules to follow include an external VDU controller, teletext data acquisition and video text overlay systems, an autonomous I²C data interface, speech synthesizer, multimeter and counter/timer.

PipeDrivers

If your dot matrix printer has more features than Pipe-Dream knows what to do with, you need Pipe-Driver Dot 1. It provides access to resident and download fonts, ink colours, variable print size and line spacing etc.

Like our First Fonts for 1st Word Plus and Power Fonts for Wordpower, PipeDrivers can make foreign language and scientific word-processing a pleasure, And our 24-pin and LC-10 typefaces will brighten your output at full printer speed.



DrawBender distorts Draw files to follow a shape of your choice. A useful addition or cheap alternative to Poster, available with or without these three decorative fonts. The example above uses DrawBender with FontFX.

"FlexFX" came top in our new name competition – a £25 voucher goes to the winner. And to the customer who suggested Corset and OoLaLa – keep taking the tablets!

BET (BASIC Editor and Toolkit)

BBC, Master and Electron users will find BET makes the creation and editing of BASIC programs a real pleasure and encourages the development of a good programming style. Full details on request.

Wordpower

Still the best for the Electron, Master and BBC.

"I have yet to find a wordprocessor that gets close to it for usability and quality of output," said BEEBUG lately.

Arckeys

With more applications on the market a function key strip organiser is indispensable. Arckey users do it without glue! Suitable for BBC and Master too.

A3000 Hard Discs – some inside information

"NEAT"

Those visiting our stands at recent exhibitions have already marvelled at the sight of an *ideA* hard disc inside an A3000. Some had assumed it must replace the floppy drive: not so. The 2½" disc comes ready-mounted on its controller board, and simply plugs into the internal expansion slot. (Though fitting is easy, A3000s with unprotected power supplies should only be opened by a qualified dealer).

"COOL"

Contrary to certain rumours, the *ideA* disc does not get hot. Its up-to-the-minute design even includes a 'power save' feature – it switches off when not in use. A respectable 23ms average access time speeds up your work, and auto-parking is standard.

"TOTALLY OUT OF SIGHT"

A fully internal hard disc is the perfect answer. It adds hardly any weight to your A3000, which can still be moved easily from one place to another. A second mains connection is not needed (no extra wires or sockets to worry about). None of your precious working space is sacrificed to an external casing. Hidden from sight, the *ideA* disc is protected from accidental damage (it has been designed to survive in a portable computer).

In use, the *ideA* system looks just like ADFS. All RISC OS compliant software works correctly, as does the PC Emulator. Hard discs supplied by us are formatted, tested and guaranteed. Our upgrade prices include the controller card and all necessary fittings (though we can also supply components separately).

"OH, AND A SMALL PRICE BREAKTHROUGH"

The 20 Mb A3000 internal upgrade (IDEA3IN20) is now available for a remarkable £375. Collection and fitting cost £25 if required. Carriage is free on prepaid orders; VAT is extra. We hope to have a 60 Mb version very soon. Internal upgrades for the A300/400/500 series are also available now, e.g. the 40 Mb (IDEARCIN40) at £299. Please see our main price list. External upgrades for all computers will be ready by April. These will allow a second hard disc to be fitted in the same compact housing in case you need to expand in the future.

Be an insider for £375.

Get the IdeA





RETAIL PRICE LIST 17th February 1991

ARC10, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL Tel/Fax: 051-648 6287 Internat: +44 51 648 6287

VAT UK customers please add 15% to the total price, except for the zero-rated items marked VD.

Carriage Free in mainland UK if you pay on ordering.

Overseas Add £6 (Europe) or £12 (elsewhere) for each software item, and pay by credit card or pounds sterling bank draft payable in England (add £10 + 1% of total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number thome will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Payment due in 14 days. Invoices subject to carriage and late payment charges.

Site licences Please enquire if no price is shown.

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting.

Goods are guaranteed but we do not supply them on approval.

BBC / MASTER / ELECTRON SOFTWARE

PPEGINOII 00	. ,,,,,	~,,,_
BET Basic Editor and Too	əlkit	
- rom module	ICS	£19
 rom in cartridge 	ICS	£25
Powerfort NTQ	ICS	£13
Power Fonts	ICS	
 see separate panel 		
Spellmaster rom	CC	£52
Wordpower	ICS	£36
 site licence (extra) 		£100
 extra rom 		£7
 extra manual 		₩£7

ARCHIMEDES SOFTWARE

If it's not on the list, ask for a quote.
'Ve always try to match the best

Oak	£69
Min	£243
Aco	£125
Sim	£85
Ace	£40
Şil	£139
Sil	£277
Cla	£59
Cla	£44
Cla	£16
Min	£67
Aut	€69
4th	£21
Mid	£29
4ma	£28
	£34
	Min Aco Sim Ace Sil Cla Cla Cla Cla Min Aut 4th Mid

K	EY TO MAKERS	Cir	Circle	Mid	Midnight Graphics
		Cit	Citizen	Mit	Mitre
Ace	Ace	Cla	Clares	Min	Minerva
Aco	Acom	Col	Colton	Oak	Oak
Ale	Aleph One	Dat	Data Store	Pana	Panasonic
Apr	Apricote	Dig	Digital Services	Pand	Pandora
Arm	Armadilfo	Emr	EMA	Ser	Serial Port
Αrn	Arnor	Eps	Epson	Sha	Sharp
Arx	Arxe	Hum	Human-Computer	Sil	Silicon Vision
Aut	Autodesk	ICS.	lan Copestake	Şim	Simtron
Bai	Baildon Electronics	lfe	IFEL	Sta	Star
Bee	Beebug	Irl	Irlam	Tax	Taxan
Cal	Calligraph	Kad	Kador	Tec	TechSoft
Can	Canon	Lin	Lingenuity	4ma	4Mation
ÇÇ.	Computer Concepts	Lon	Longman Logotron	4th	Fourth Dimension

CC Computer Concepts	Lo	r Long	man Logotson 4th Fourth	Dime:	nsion
Craftshop 2	4rma	£28	- extra manual for sites		
- network version	-111.0	E34	Inspiration		1 EPOA
Cross-32 Meta-Assembler	Bai	£175	Interdictor 2	Cla	£27
DataVision	Sil	£113	Investigator 2	Ser	£23
Dasigner Intro	Tec	£75	ISO C Devt System	Bee	£77
Desktop Enhancer	Mit	£26	Jiglet	4ma	
Desktop Office	Min	£96	Jigsaw	4ma	
Desktop Publisher	Acq	£110	Knowledge Organiser	Cla	£47
Disc Tree	Mit	£37	Logo	Lon	£55
DrawBender	ICS	£10	Magpie	Lon	£39
 DrawBender + Fonts 		£12	- from 1st April		£50
 site licence 		£50	Mogul	Ace	£17
Easiword	Μın	£31	MultiFS	Arx	£27
Equasor	CC	£44	Multistore	Min	£197
Euclid 2	Ace	£54	 site licence (total, 30 i 	corngu	iters)
Expression-PS	CC	£20			£1250
Film-Maker	Sil	£75	Numerator	Lon	€65
Financial Accountant	Sil	£204	Office Tools	Sit	£278
First Fonts - see separate			Ovation	Bee	€79
FlexiFile	Min	£113	Payroll	Min	£129
Flying Start II	Mit	€86	Pendown	Lon	£50
FontFX	Dat	EB	 Extra Outline Fonts 	Lan	€18
- site licence (total)		£60	Personal Accounts (vrsn 2		£23
Font Pack	Aco		PipeDream 3	Col	£118
- Newhall		£41	PipeDrivers - see separa		
- Starter		£41	Poster	4ma	£79
– Symbol Font Pack	b	£41	Power Fonts — see separ		
- 1 (already included with	Bee	ion!.	Premior	Cir	£71
Paladin, Swiss B, Symbo			– DataBase – WordProc	Cir Ci-	£25
1 BIBO411, 344133 B, 3411400	10, VO	£43		Cir Sil	£25
- 2: Bookman, Chancery	Cour		Presentation System Presenter Story	Lin	£61 £149
Garamond		EPOA	Presenter II	Lin	£149
- 3: Dingbats, New Cent		L. Ort	Printer Drivers, RISC OS	Ace	130
Schoolbook, Optima, Tim		£PQA	- Epson / Star / Citizen o		£13
Font Pack	CC		Pro Artisan	Cla	£74
- Avant Garde		£29	Professional PDT CAD	Oak	£353
- Bookman		£29	Protext	Arn	£117
- Pembroka		£29	Realtime Solids Modelfer	Sil	£139
Fourier Analysis	Arm	083	Render Bender	Cla	£58
Gammaptot	Min	£52	Revelation	Lon	£54
Gate Array Design/Teachin	ý		– from 1st April		€70
	Sil	£113	Rhapsody	Cla	£35
Genesis II	Oak	£113	RiscBASIC Compiler	Sil	£113
 education price 		£99	RiscForth Compiler	Sil	£113
GerberPlot	Sil	£92	RISC OS Companion Vol 1	Oak	£49
Hard Disc Companion	Bee	£35	RoboLogo	Sil	£75
Hearsay	Bee	£51	Schema	Cla	£96
	Ļin	£43	School Administrator	Min	£69
Impression 2	CC	£135	Score PMS	Emr	£499
 network version 		f.650	ShareHolder	Sil	£139
- site licence		£545	ShowPage	ĊC	£135
 extra hardware key for . 	sites	£15	Sigma Sheet	Min	£53
- extra manual for sites	^^	83	Snippet	4ma	£26
	CC	£74	SolidCAD	Sil	£113
 site licence 		£435	SolidsRender	Sil	£113

SolidTools	Sil	£279
Splice	Ace	£25
Squirrel	Dig	£109
- Econet version	_	£459
 site licence 		£475
Studio 24 Plus	Erme	£149
Super-Dump	Sil	£24
Super-Plot	Şil	£32
System Delta Plus II	Min	£54
Tempest	Cla	£97
Timewatch	Mit	€26
Toolkit Plus	Cla	£37
Tracer	Mid	£52
Tween	Ace	€25
TWO (Task and		
Window Organiser)	ICS	£19
 site licence 		£60
Utility Disc 1	Dat	£13
View»Mac 3 with Cable	Hum	€89
Wordpower (Archimedes)	ICS	£36
 sité licence (extra) 		£100
1st Word Plus	Aco	€64

FACSIMILE MACHINE

L MOORITIES (F)	~~!!!	-
FO-2100 (full-feature, M	ercury-	
compatible)	Sha	£799
 12-month warranty 		£59

PRINTERS

LUIIA1 EUS				
ArcLaser	Cal	€904		
Bubble Jet BJ-10e	Can	£276		
 Sheet feeder 		€54		
Bubble Jet BJ-300	Çan	£455		
Bubble Jet BJ-330	Can	£535		
GQ-5000 (12-month on-sit	e			
maintenance)	Eps	£ 8 79		
KX-P1123	Pana	£199		
KX-P1124	Pana	£226		
 32k ram for KX-P1123 	/4	£20		
KX-P1624	Pana	£369		
KX-P4420 8ppm	Рапа	£792		
KX-P4450i	Panai	E1275		
 1Mbyte upgrade 		£299		
Laser Direct Qume	ÇC	£856		
Laser Direct LBP-4 Card	CC	£321		
Laser Direct LBP-8 8 ppm	600 dp	oi .		
including toner	CC f	1299		
LBP-4 4 ppm	Can	£750		
LC24-10 32k ram card	Sta	£61		
Swift 24 Colour	Cit	£279		
Rebuilt Canon Toner cartri-	dge	£45		
Archimedes parallel printe	r cable	£8		
MONITOR				

MONITOR

Multivision 795	Tax	£479
SCANNE	RS	

i-Scan	Irl	£58
Scan-Light A4	CC	£369
 as above + Sheet Fe 	eeder	£460
Scan-Light Junior	CC	£175
- A3000 version (inter	rnat)	6178

UPGRADES

Fitting extra unless othe	rwise :	stated
† Fitting requires ex	xperus:	e
A3000 2Mb	Ata	€69
A3000 2Mb	lfe	£69
A3000 4Mb	Ato	£239
A3000 4Mb	lfe	£243
A310 2Mb †	lfe	£215
 as above including fitt 	ing	£259
A310 4Mb †	lle	€299
 as above including fitt 	ing	£345
8Mb A400/1 / A440 / R14	0 Ato	€699
ARM3	Ale	€400
4-slot 4-layer Backplane	Ife	£57

ODDULES

AnDi	Bai	£4

FUNCTION KEY STRIP ORGANISER

0110411811	~	
Arckey	ICS	A0 C3
 quantity of 4 		^{VO} £10

KEYBOARD COVERS

Seal 'n Type (spill-proof)		
- Archimedes	Kad	£14
- A3000	Kad	£14



HARD DISC UPGRADES AND ACCESSORIES

☆ NËW LOW PRICES!

A number at the end of a product name is the capacity in megabytes.

Our 'upgrades' include the ideA controller, a fan and everything else you will need. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400/500 sec IDEARCIN40 IDEARCIN80 IDEARCIN135 IDEARCIN200	ies internal 28ms 19ms 28ms 15ms	upg ជ	
A300/400/500 ser	ies externa	Lupg	grade,
– ready April			
IDEARCEX40	28ms		£3 99
IDEARCEX80	19ms		£549
IDEARCEX135	28ms		£799
IDEARCEX200	15ms		£999

A3000 internal upo	yade	
IDEA3IN20	23ms	
IDEA3IN60		£POA
Fitting if required		£25

A3000 external upgrade Ready soon

•	
A3000 accessories	
IC PLINTH	£21

ideA controller cards and accessories
(For use with your own IDE hard discs; we can only accept responsibility for performance with discs we have tested ourselves!

reston onizervezi	
IDEARCIN Archimedes Internal	£110
Hard disc cradle kit	£15
Fan kit	£10
IDEARCEX Archimedes External	£130
IDEA3EX A3000 External	€140
Case with psu	EPOA

<u>Recommended for backing up</u>

Beebug Hard Disc Companion 6

Recommended for gase of use ICS Task and Window Organiser £19

ICS FONTS

1st Word Plus First Fonts PipeDream PipeDrivers Wordpower Power Fonts

Please tell us which of the above you need and specify your printer make and model. A more detailed list of fonts is available.

<u>Site licence</u> £50

For multiple use of First Fonts or PipeDrivers. (Power Fonts are covered by a Wordpower site licence).

Symbol sets

e.g. Chemistry, Czech, ICS1 (Forms Design), ICS2 (IBM characters), Latin 1 (Includes French, German, Italian, Spanish), Latin 2, Latin 3 (Includes Esperanto), Latin 4, Mathematics & Physics, Russian

- for dot matrix £19 - for laser £29

24-pin & HP laser typefaces
Bodmin, Neston, Old English,
Personal, Royden, Shadow and Initials,
Universal 8pt, Universal 10pt,
Universal 12pt, Weimar Fraktur

- 24-pin: any 3 faces £29 + laser: any 3 weights £29

Star LC-10 typeraces Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

- any 4 £19 - all 7 £29 PipeDriver Dot 1 £10

 Pipe<u>Driver Dot 1</u>
 £10

 Powerfant NTO
 £13

Provides near letter quality on ordinary 9-pin printers. Required for some Power Fonts.

NEWS IN BRIEF

- First of all there were modules. Then there were podules. Now, there are **Oddules!** See back page.
- **Cross-32:** it means Assembler in any language. See back page.
- Noah always had TWO in his Arc. See back page.
- **→ Archway** is not just a tube station any more. In stock now at £85.



Visit us at the CIS Spring Fair at 8 Herbrand street, WC1, 9th-10th March.

E&OE \$036 91FE17

E-Type – £18(3.2.49)
E-Type Designer – £16(3.3.2)
E-Type Extra 100 miles – £16(3.3.2)
Family Favourites – £18(3.4.2)
Fireball II – £23(3.5.41)
Freddy's Folly – £14(2.1.45)
Holed Out - £18(2.9.38)
Holed Out Extra Coures 1 – £16(2.10.5)
Holed Out Extra Coures 2 – £16(2.10.5)
Holed Out Designer - £18(3.3.2)
Hoverbod – £14(1.10.47)
Ibix the Viking – £18(3.1.45)
Interdictor $-£30$ (3.2.40)
Joystick for Interdictor – £28
Jet Fighter – £14(2.3.2)
• Maddingly Hall – £14(3.8.3)
Minotaur – £14(1.3.34)
Missile Control – £14(1.10.47)
• Olympics – £19(3.8.4)
Orion – £14(2.1.45)
Pacmania – £18(2.4.29)
Plague Planet - £11(2.4.29)
Return to Doom – £19
Last Days of Doom – £19(3.7.3)
Repton 3 – £18(2.3.2)
Rotor $-£23$ (3.7.3)
Quazer - £11(1.10.47)
Star Trader – £16(2.5.31)
• Talisman – £14(3.8.4)
Terramex - £18
Thundermonk $-£14$ (2.5.3)
Trivial Pursuit - £27(3.6.41)
U.I.M. – £28(3.7.21)
$WordUpWordDown - \pounds 16(2.5.31)$
Zarch – £18(1.2.33)
700

Z88

Z88 Computer - £230 128k ram pack - £49 128k eprom pack - £49 Eprom eraser - £39 Archimedes link - £35 Carrying case - £10 Mains Adaptor - £10

Backplanes Reduced to Clear

Atomwide have stopped producing 4-slot backplanes and are concentrating on their other more inovative projects. We have several of their backplanes in stock and are reducing them from £63 to £45 to clear them. If you want one of these backplanes, please either send a separate cheque, or telephone to check their availability.

Special Offer on Pro-Artisan

We have a few too many copies of Pro-Artisan and so will sell them for £75 while stocks last.

No exports, please!

Acom have pointed out that we are not allowed to supply ANY Acom products outside the UK. This even includes software and documentation. The reason given is that service backup is a problem but I suspect it is also to protect the livelihood of the national distributors who would miss out on their profit if you bought direct from us. The Acom products are now marked on the price list with a "\selfa".

Joysticks NOT in short supply

The Voltmace joysticks which simply replace the Archimedes' mouse (£29.95 or £28 through Archive) are NOW AVAILABLE!!!!!!

Monitors galore

We now have an extended range of monitors for the Archimedes. In the medium resolution range, in addition to the Acorn 14" at £250, we have the Microvitec 14" (also £250) of similar quality but in a rectangular metal case — much easier to stand your mugs of coffee on(!) and the Phillips CM8833 (£280) which is similar to the Acom monitor but with a separate composite video input, useful for direct video work, and stereo speakers. For higher resolution work, we have two multi-syncs, the Oak 20" colour monitor (£1550) which makes such a difference to the effective use of the computer — you can spread your applications windows around the screen and work on them much more easily, and to make use of the hi-res mono output of the 440 or 400/1 series computers, the Eizo 21" mono — paper white, flat screen at £1050.

Shareware 26 is ready

Shareware 24 and 25 were mentioned in the magazine but we now also have Shareware 26 ready. It contains: Desktop phone book, PCB designer, Player for Maestro tunes (this uses less memory and so it will play the huge tune files on Shareware 11 that hitherto have had to be played using the old 'Arthur' version of Maestro), Voices and tunes for Maestro, Desktop file access editor, Program to display Draw files, Text adventure game.

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £70 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 420/1 equivalent is £1260 + £70 + £200 = £1530 and a 440/1 costs £1260 + 3 * £70 + £390 = £1860.

If you want an Acorn monitor at the same time, add £230 and if you want an Eizo 9060SZ low-radiation, multisync monitor at the same time, add £510.

Archive Members' Price List - May 1990

Alomo mombers	rice List – May 1990
(All prices include VAT and UK carriage)	Oak SCSI Tape streamers(3.4.3)
(Numbers in brackets refer to issues of Archive magazine.)	60M SCSI Tape streamer – £995
Shareware Discs Nº 0 to 26 - £3 each	150M SCSI Tape streamer – £1250
Careware Discs Nº 1 to 7 - £6 each	1 Gb SCSI Tapestreamer – £4030(3.7.2)
(See 3.3 p 52 for a summary of S/W's 0 to 17 and C/W 1 to 4.)	Computerware SCSI Drives(3.4.16)
• Shareware Nº 24 – £3(3.8.4)	Internal 100M drive (without podule) – £790
• Shareware Nº 25 – £3 (Maths Compendium)(3.8.4)	Internal 200M drive (without podule) – £1230
• Shareware Nº 26 – £3(page 4)	External 100M drive (without podule) - £890
• Careware Nº 7 (inc. PCDir 1.00) – £6(3.8.2)	External 200M drive (without podule) - £1330
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc –£3	Hard Drives – ST506
Program Discs 1.7, 1.8, 1.9 etc – £3 each(3.8.2)	Computerware ST506 Hard Drives(2.9.54)
WIMP Template Editor – £8(2.5.29)	Internal 20M drive + podule – £390
Archive Back issues – £2 each	Internal 40M drive + podule – £570
Binder volume 1, 2 or 3 – £5(1.7.3)	Internal 47M drive + podule – £660
3.5" Discs, top quality branded – 10 for £15	Hard Disc Podule (inc metalwork/cables) – £220
Printer cable -£10	External 20M drive + psu - £335
Keyboard extension cable – £8	External 40M drive + psu - £485
Archimedes A300/400 dust cover - £10	External 60M drive + psu - £740
Archimedes A3000 dust cover - £11	Internal 20M (22ms) drive for A410 –£230
Hand Drives CCCI	Internal 40M (24ms) drive for A410 -£380
Hard Drives – SCSI	Internal 47M (22ms) drive for A410 - £490
Lingenuity SCSI Drives (2.11.2, 3.2.10, 3.4.15)	• Hard disc mounting kit for A410 – £19(3.8.3)
SCSI hard disc podule for A310 – £215	Oak ST506 Hard Drives(3.7.2)
20M internal drive + SCSI pod (A300/400) - £410	Internal 20M (28ms) drive for A410 - £210
45M internal drive + SCSI pod (A300/400) - £545	Internal 40M (28ms) drive for A410 – £330
70M internal drive + SCSI pod (A300/400) - £870	Internal 47M (28ms) drive for A410 - £410
100M internal drive + SCSI pod (A300/400) – £910 200M internal drive + SCSI pod (A300/400) – £1355	Hardware – General
200M Internal drive + 5C51 pod (A300/400) - £1333	
20M external SCSI drive #300	
20M external SCSI drive - £390	A410/1 - £1260 § (inc £100 free s/ware)(page iv)
45M external SCS1 drive - £525	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd)
45M external SCS1 drive – £525 70M external SCSI drive – £850	A410/1 – £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 – £80 per Mb (+£10 if fitting req'd) Single Ram chips (in case you damage one!) – £12
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890	A410/1 - £1260 § (inc £100 free s/ware) (page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware)
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325	A410/1 – £1260 § (inc £100 free s/ware) (page iv) Ram A410/1 – £80 per Mb ($+$ £10 if fitting req'd) Single Ram chips (in case you damage one!) – £12 A3000 computer – £680 § (inc £50 free s/ware) Monitor stand – £33
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §(3.6.25)	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 – £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 – £80 per Mb (+£10 if fitting req'd) Single Ram chips (in case you damage one!) – £12 A3000 computer – £680 § (inc £50 free s/ware) Monitor stand – £33 User Port & Midi – £52 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 § Midi upgrade software - £10 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 § Midi upgrade software - £10 §(3.6.2) User Port & Analogue Port (Morley) - £72(3.6.2) Econet Upgrade - £52 § Serial upgrade - £20 § Ext 3.5" drive for A3000 - £135(3.6.2)
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 § Midi upgrade software - £10 §(3.6.2) User Port & Analogue Port (Morley) - £72(3.6.2) Econet Upgrade - £52 § Serial upgrade - £20 § Ext 3.5" drive for A3000 - £135
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 § Midi upgrade software - £10 §(3.6.2) User Port & Analogue Port (Morley) - £72(3.6.2) Econet Upgrade - £52 § Serial upgrade - £20 § Ext 3.5" drive for A3000 - £135(3.6.2)
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 § Midi upgrade software - £10 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 § Midi upgrade software - £10 §(3.6.2) User Port & Analogue Port (Morley) - £72(3.6.2) Econet Upgrade - £52 § Serial upgrade - £20 § Ext 3.5" drive for A3000 - £135(3.6.2) 1 Mb A3000 upgrade (Morley) - £110(3.3.3/3.6.2) 3 Mb A3000 upgrade (Morley) - £330(3.3.3/3.6.2) Monitors Acorn (Philips) colour monitor - £250 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware) (page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive – £525 70M external SCSI drive – £850 100M external SCSI drive – £890 200M external SCSI drive – £1325 Acorn SCSI podule – £320 §	A410/1 - £1260 § (inc £100 free s/ware) (page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive - £525 70M external SCSI drive - £850 100M external SCSI drive - £850 200M external SCSI drive - £1325 Acorn SCSI podule - £320 §	A410/1 - £1260 § (inc £100 free s/ware) (page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive - £525 70M external SCSI drive - £850 100M external SCSI drive - £850 200M external SCSI drive - £1325 Acorn SCSI podule - £320 §	A410/1 - £1260 § (inc £100 free s/ware) (page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive - £525 70M external SCSI drive - £850 100M external SCSI drive - £850 200M external SCSI drive - £1325 Acorn SCSI podule - £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive - £525 70M external SCSI drive - £850 100M external SCSI drive - £850 200M external SCSI drive - £1325 Acorn SCSI podule - £320 §	A410/1 - £1260 § (inc £100 free s/ware) (page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive - £525 70M external SCSI drive - £850 100M external SCSI drive - £850 200M external SCSI drive - £1325 Acorn SCSI podule - £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §
45M external SCSI drive - £525 70M external SCSI drive - £850 100M external SCSI drive - £850 200M external SCSI drive - £1325 Acorn SCSI podule - £320 §	A410/1 - £1260 § (inc £100 free s/ware)(page iv) Ram A410/1 - £80 per Mb (+ £10 if fitting req'd) Single Ram chips (in case you damage one!) - £12 A3000 computer - £680 § (inc £50 free s/ware) Monitor stand - £33 User Port & Midi - £52 §

I.F.E.L. 4-layer 4-slot - £66

Upgrades	Lisp -£199 §(1,12,14 + 2,3,37)	SoundSampler A616 - £1290(2.9.3)	Courses Dales Dive II (640) (2.5.2)
• VIDC Enhancer – £35(3.8.4)	Logotron Logo - £64(1.12.14 † 2.3.37)	Spectra SFFT software - £66(2.9.3)	System Delta-Plus II – £69(2.5.3) System Delta-Plus Reference Manual – £27
Replacement Mouse – £55 §(3.5.3)	Prolog System X - £179 §(2.10.34)	•	Reporter – £37(2.6.27)
Replacement 3.5" drive for 310 - £70(3.5.3)	Risc BASIC Compiler – £89(2.9.32)	Video (Hardware & Software)	Mailshot – £37(2.6.27)
Replacement 3.5" drive for 400/1 - £70(3.5.3)	Risc Forth – £89(2,2.23)	Chroma 220 genlock A3000 – £165(3.5.3)	Multistore - £250(3.4.33 / 3.6.46)
2nd internal 3.5" drive for A310 - £122	Twin Editor – £29 §	Chroma 235 (220+ encoder/keyer) – £210(3.5.3)	Inter-Sheet ROM £42(1.1.20)
2nd internal 3.5" drive for A410 -£122	Wingpass Macro Assembler V2 £47(2.8.41)	Chroma 250 (235 + improved chroma) - £375 (3.5.3)	Inter-Sheet disc – £30(1.1.20)
5.25" Interface (Watford) -£29		Chroma 320 genlock A300/A400 – £165(3.5.3)	Matrix 3 – £89(1.11.2)
1/2 meg RAM upgrade for A305 – £130 §	Word-Processors, DTP, etc	Chroma 335 (320+ encoder/keyer) – £315(3.5.3)	SigmaSheet - £59(1.11.52 + 1.9.28)
2M / 310 (Comp'ware) – £375 (inc fitting)(3.8.6)	DTP from Acorn – £145 §(2.12.41)	Chroma 345 (335 + improved chroma) + £420(3.5.3)	
4M / 310 (Comp'ware) - £585 (inc fitting)(3.8.6)	First Word Plus Release 2 – £82 §(3.4.40)	Chromatext software – £42(3.5.3)	Educational Programs
2M upgrade / 310 (Watford) – £330(3.4.10, 3.5.17)	First Word Plus Extended Dictionary – £7 (2.8.30)	XAT video utilities – £84(3.5.3)	BookBinder (Musbury) – £50(3.4.2)
4M upgrade / 310 (Watford) – £575 (3.4.10, 3.5.17)	First Fonts, Maths/Scientific – £20(2.1.32)	Communications	Bumper Pack 1 (Reading)—£18(1.2.34)
• Upgrade to 8M for 440 (Atomwide) - £890(3.7.2)	Graphic Writer – £27(1.6.12)	ArcComm – £28(2.10.2)	Bumper Pack 2 (Arith, English + Crosswords) – £18
MEMCla upgrade for 310/440 · £74(3.2.3)	Impression DTP -£155(3.2.59)		Craftshop 1 – £33(3.5.2)
ARM3 – 30MHz (Aleph One) – £650(3.1.33)	Inter-Word ROM – £42(1.1,20)	Hearsay – £59(1.12.22) WS 3000 V22bis modem – £310(2.8.5)	Craftshop 2 – £33(3.5.2)
Panasonic KXP1081 9-pin printer – £175	Inter-Word disc – £30(1.1,20)	Amstrad SM2400 modem – £210(2.8.5)	Desk Top Stories – £31(2.12.48)
Panasonic KXP1124 24-pin printer – £275	Keyword - £18(3.3.32)		DigiSim -£40(2.8.48)
32k buffer chip for KXP1124 - £19	Maps of the World £28(3.7.3)	Modern connecting lead – £10	Droom – £20(1.7.42)
Panasonic KXP4450 laser printer - £1530	SpellMaster ROM - £55(1.10.34)	Utilities	Fun School 2 (under 6's) – £19(3.3.2)
Printer cable - £10	SpellMaster disc £41(1.10.34)	Archway (WIMP tools) - £85(2.10.31)	Fun School 2 (6 · 8's) · £19(3.3.2)
ROM Podule – £53(1.7.44)	Wordwise Plus A (80 column) + £30(3.5.5)	Colour dump - Integrex - £25	Fun School 2 (over 8's) - £19(3.3.2)
with battery backup – £63	Wordwise Plus A (upgrade from BBC) – £10(1.2.20)	Colour dump - Canon - £25	Genesis – £85(3.4.25)
32k RAM chips – £17	Art / Drawing ate Backages	Colour dump – I.C10 – £25(3.3.28)	Gate Array Teaching System - £79(2.6.3)
	Art / Drawing etc Packages	DataStore Utilities Disc - £15(3.2.32)	Jigsaw –£33(3.5.27)
Atomwide prototyping boards(2.12.2)	ArcImEd £23(1.12.42)	DiscTree £44(2.8.24)	Numerator – £70(2.12.46)
Bare board with V1.1 ROM - £27	ArcPCB · £170(2.1.2)	FontFX ±10(3.3.2)	
Fully built with ROM – £38	ArcPCB Professional - £320(3.1.4)	Grey dumps (9-pin tone dump) – £13(2.6.47)	Documentation
Fully built with RAM – £40	Artisan 2 £55(3.5.53)	Instigator – £45(2.10.5)	• A3000 Technical Manual – £28 §(3.8.2)
Econet module – £46 §	Artisan 2 upgrade (return Artisan disc) – £28(3.5.53)	Key-Define £13(2.1.37)	Assembly Language Book – £14(1.11.39)
Floating Point Co-Processor – £635 §(3.6.3)	Atelier – £85(2.12.46)	Outline Font Starter Pack – £47(3.5.3)	Assembly Language Disc - £8
I/O Podule + £84 §(1.7.38)	AutoSketch – £79(1.7.3)	Outline Fonts "New Hall" – £47(3.5.3)	Archimedes First Steps - £9(3.6.17)
New software for I/O Podule - £12 §(3.6.2)	Drawing Board – £54(2.5.33)	PC Emulator – £95(1.5.24)	BASIC V manual (Acorn) - £19 §(2.8.2)
Joystick (Voltmace) - £28	Euclid – £60(3.1.50)	Pro Copier - £10(3.2.2)	BASIC V Dabhand Guide – £9(2.9.2)
Midi podule – £74 §(3.2.26)	Mogul (for Euclid) – £20(3.1.50)	RISC-OS upgrade -£18 (while stocks last) §(2.7.20)	Guide to Acorn DTP (inc. disc) – £17(3.4.55)
Midi podule upgrade software –£15 §(3.6.2)	• Splice £25(3.8.4)	RISC-OS Companion – £50(2.12.51)	Operating System Book -£14(2.6.45)
Managani Tanulaashall 655	- Trues - C25 (2.9.4)	N15C-O3 C010panion — 250(4.12.51)	
Marconi Trackerball – £55	• Tween – £25(3.8.4)		Operating System Disc – £8(2.6.45)
Watford Hand Scanner – £176(3.6.49)	Film Maker – £69(2.6.3)	Software Developer's Toolbox - £175 §(2.3.2)	Operating System Disc – £8(2.6.45) RISC-OS Prog Ref Manual – £75 §(3.1.53)
Watford Hand Scanner – £176(3.6.49) ScanLight · £495(2.12.49)		Software Developer's Toolbox · £175 §(2.3.2) Timewatch - £28(3.2.28)	
Watford Hand Scanner – £176(3.6.49)	Film Maker – £69(2.6.3)	Software Developer's Toolbox · £175 §(2.3.2) Timewatch - £28	RISC-OS Prog Ref Manual - £75 §(3.1.53) • Z88 Dabhand Guide - £14(3.6.4)
Watford Hand Scanner – £176(3.6.49) ScanLight · £495(2.12.49)	Film Maker – £69(2.6.3) GammaPlot – £59(1.12.19)	Software Developer's Toolbox · £175 §(2.3.2) Timewatch - £28(3.2.28)	RISC-OS Prog Ref Manual - £75 §(3.1.53) • Z88 Dabhand Guide - £14(3.6.4) Games
Watford Hand Scanner – £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior – £205 (2.12.49) Watford Graphics Tablet £305 (3.7.13) Colour Digitiser (Wild Vision) – £360 (3.7.13)	Film Maker - £69	Software Developer's Toolbox · £175 §	RISC-OS Prog Ref Manual – £75 §
Watford Hand Scanner – £176 (3.6.49) ScanLight · £495 (2.12.49) ScanLight Junior – £205 (2.12.49) Watford Graphics Tablet · £305 (2.12.49)	Film Maker - £69	Software Developer's Toolbox · £175 §	RISC-OS Prog Ref Manual – £75 §
Watford Hand Scanner – £176(3.6.49) ScanLight £495	Film Maker - £69	Software Developer's Toolbox · £175 §(2.3.2) Timewatch · £28	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner – £176	Film Maker $-£69$	Software Developer's Toolbox · £175 §(2.3.2) Timewatch · £28	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (2.12.49) Watford Graphics Tablet + £305 (3.7.13) Colour Digitiser (Wild Vision) - £360 (3.7.13) Watford Video Digitiser - £289 (1.9.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages	Film Maker $-£69$	Software Developer's Toolbox · £175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 Watford Graphics Tablet £305 Colour Digitiser (Wild Vision) - £360 (3.7.13) Watford Video Digitiser - £289 (1.9.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16)	Film Maker $-£69$	Software Developer's Toolbox · £175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.7.13) Watford Graphics Tablet - £305 (3.7.13) Colour Digitiser (Wild Vision) - £360 (3.7.13) Watford Video Digitiser - £289 (1.9.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2)	Film Maker $-£69$	Software Developer's Toolbox ·£175 §(2.3.2) Timewatch · £28	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner – £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior – £205 (3.7.13) Watford Graphics Tablet + £305 (3.7.13) Colour Digitiser (Wild Vision) - £360 (3.7.13) Watford Video Digitiser – £289 (1.9.45) Lingenuity Colour Converter – £185 (2.2.2/3) Languages ABC-2 BASIC Compiler – £89 (2.5.16) ABC Dynamic Extensions – £45 (3.1.2) Acorn Assembler - £195 § (3.4.51)	Film Maker $-£69$	Software Developer's Toolbox ·£175 §(2.3.2) Timewatch · £28	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.7.13) Watford Graphics Tablet - £305 (3.7.13) Watford Video Digitiser - £289 (1.9.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2) Acorn Assembler - £195 § (3.4.51) Adventure Lang Prog System (ALPS) - £29 (3.3.50)	Film Maker $-£69$	Software Developer's Toolbox£175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.7.13) Watford Graphics Tablet - £305 (3.7.13) Watford Video Digitiser - £289 (1.9.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2) Acorn Assembler - £195 § (3.4.51) Adventure Lang Prog System (ALPS) - £29 (3.3.50) ANSI-C (Release 3) - £145 § (3.3.50)	Film Maker $-£69$	Software Developer's Toolbox ·£175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.7.13) Watford Graphics Tablet - £305 (3.7.13) Watford Video Digitiser - £289 (1.9.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2) Acorn Assembler - £195 § (3.4.51) Adventure Lang Prog System (ALPS) - £29 (3.3.50) ANSI-C (Release 3) - £145 § (3.4.27)	Film Maker - £69	Software Developer's Toolbox · £175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.6.45) Watford Graphics Tablet - £305 (3.7.13) Watford Video Digitiser - £289 (1.9.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2) Acorn Assembler - £195 § (3.4.51) Adventure Lang Prog System (ALPS) - £29 (3.3.50) ANSI-C (Release 3) - £145 § (3.4.27) Cambridge Pascal - £70 (3.4.27) C Front End - £18 (3.4.49)	Film Maker - £69	Software Developer's Toolbox ·£175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.7.13) Watford Graphics Tablet £305 (3.7.13) Colour Digitiser (Wild Vision) - £360 (3.7.13) Watford Video Digitiser - £289 (19.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2) Acorn Assembler - £195 § (3.4.51) Adventure Lang Prog System (ALPS) - £29 (3.3.50) ANSI-C (Release 3) - £145 § (3.4.27) C Front End - £18 (3.4.49) C Dabhand Guide - £14 (2.1.28)	Film Maker $-£69$	Software Developer's Toolbox · £175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.7.13) Watford Graphics Tablet £305 (3.7.13) Colour Digitiser (Wild Vision) - £360 (3.7.13) Watford Video Digitiser - £289 (19.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2) Acorn Assembler - £195 § (3.4.51) Adventure Lang Prog System (ALPS) - £29 (3.3.50) ANSI-C (Release 3) - £145 § (3.4.27) C Front End - £18 (3.4.49) C Dabhand Guide - £14 (2.1.28) C Guide Disc - £8	Film Maker - £69	Software Developer's Toolbox£175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49) ScanLight Junior - £205 (3.6.49) Watford Graphics Tablet £305 (3.7.13) Colour Digitiser (Wild Vision) - £360 (3.7.13) Watford Video Digitiser - £289 (19.45) Lingenuity Colour Converter - £185 (2.2.2/3) Languages ABC-2 BASIC Compiler - £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2) Acorn Assembler - £195 § (3.4.51) Adventure Lang Prog System (ALPS) - £29 (3.3.50) ANSI-C (Release 3) - £145 § (3.4.27) C Front End - £18 (3.4.49) C Dabhand Guide - £14 (2.1.28) C Guide Disc - £8 (1.9.24 + 1.11.14)	Film Maker $-£69$	Software Developer's Toolbox · £175 §	RISC-OS Prog Ref Manual - £75 §
Watford Hand Scanner − £176 (3.6.49) ScanLight ±495 (2.12.49) ScanLight Junior − £205 (3.7.13) Watford Graphics Tablet ± £305 (3.7.13) Colour Digitiser (Wild Vision) − £360 (3.7.13) Watford Video Digitiser − £289 (19.45) Lingenuity Colour Converter − £185 (2.2.2/3) Languages ABC −2 BASIC Compiler − £89 (2.5.16) ABC Dynamic Extensions − £45 (31.2) Acorn Assembler − £195 § (3.4.51) Adventure Lang Prog System (ALPS) − £29 (3.3.50) ANSI−C (Release 3) − £145 § (3.4.27) C Front End −£18 (3.4.49) C Dabhand Guide −£14 (2.1.28) C Guide Disc −£8	Film Maker - £69	Software Developer's Toolbox ·£175 §	RISC-OS Prog Ref Manual - £75 §

Instigator – £46(2.10.5)	Educational Programs
Investigator II – £27(4.5.3)	Amazing Ollie (age: 4+) – £16(4.2.2)
Outline Font Starter Pack - £48(3.5.3)	Astro (Astronomy programs) – £19(4.2.2)
Outline Fonts 'Newhall' – £48(3.5.3)	BookBinder (Musbury) – £50(4.6.56)
PC Emulator - £96(1.5.24)	Coffee (age: $9 - 15$) - £33(4.2.2)
RISC-OS upgrade – £37(2.7.20)	Concept Designer - £26(4.7.2)
RISC-OS Companion – £51(2.12.51)	Craftshop 1 – £34(3.9.35)
Software Developer's Toolbox - £179(2.3.2)	Craftshop 2 – £34(3.9.5)
TCP/IP Protocol Suite – £199(4.2.3)	Desktop Folio – £97(4.5.2)
TCP/IP Protocol Suite Site Licence - £1020(4.2.3)	Desk Top Stories – £39(2.12.48)
TCP/IP Programmers Pack - £49(4.2.3)	DigiSim – £41(2.8.48)
Timewatch – £29(3.2.28)	Droom $-$ £26
Toolkit Plus – £43(2.2.32)	Dust - £33(4.1.3)
WIMP Template Editor - £8(2.5.29)	Flight Path (age: 9+) - £33(4.6.2)
Worra Plotter - £28 ,(3.3.3)	Friedry Teddy $-£19$ (4.6.2)
Integrated Software	Fun School 2 (age: under 6 's) – £20(4.2.59)
Desktop Office - £125(4.1.40 + 4.2.55)	Fun School 2 (age: $6 - 8$'s) – £20(4.2.59)
Home Accounts – £47(2.10.29)	Pun School 2 (age; 8+) – £20(4.2.59)
Minerva Business Accounts – £360(4.1.3)	Gate Array Design/Teaching -£135(4.1.3)
Minerva Nominal Ledger – £92(4.1.3)	Genesis – £87(3.4.25)
Minerva Ordering/Invoicing - £92(4.1.3)	Genesis II – £135(4.3.3)
Minerva Purchase Ledger – £92(4.1.3)	Geoscan Database – £39(4.2.51)
Minerva Sales Ledger – £92(4.1.3)	Giant Killer Maths Adventure - £19(4.5.3)
Minerva Stock Management – £92(4.1.3)	Giant Killer Support Disc - £17(4.5.3)
Office Tools – £325(4.1.4)	HoneyPot – £48(4.6.60)
Personal Accounts (Apricote) - £28(4.2.53)	liglet - £31(4,4,30 + 4,5,17)
PipeDream 3 - £148(2.12.23)	Jigsaw – £34(3.5.27)
PipeDream Extended Dictionary – £8(3.2.28)	Landmarks (Egypt) – £21(4.5.3)
ShareHolder – £135(4.1.5)	Landmarks (2nd World War) – £21(4.5.3)
The Account Book (Apricote) - £33(4.2,53)	Logotron Logo - £65(1.11.50)
The Invoice Program (Apricote) – £33(4.2.53)	Magpie multi-media – £58(4.5.3)
Spreadsheets & Databases	Maps of the World – £29(4.1.54)
Alphabase – £43(2.5.37)	Mental Maths - £19(4.5.4)
Ancestry – £71(2.8.43)	Numerator - £80(2.12.46)
Arcscan III Database - £18	Ollie Octopus Sketchpad (age: 4+) - £16(4.2.3)
DataVision - £135(4.1.3)	Order & Chaos (for Numerator) - £18(4.1.26)
Financial Accountant - £250(4.1.3)	PenDown (full release) - £58(3.12.48/4,1,42/4.6.54)
Flexifile – £135(4.5.54)	P.I.P.P £38(3.12.51)
Inter-Sheet disc $-$ £31	RiscType V2 - £19(4.3.3)
Inter-Sheet ROM - £43(1.1.20)	RoboLOGO - £92(4.4.54)
Knowledge Organiser - £56(3.9.54)	Tiny Logo + Tiny Draw - £29(4.3.59)
Mailshot – £38(2.6.27)	Documentation
Matrix 3 – £91(1.11.2)	A3000 Technical Manual – £28 ,(3.8.2)
Multistore H – £255(3.4.33 / 3.6.46)	(A540 Technical Manual – £65)
Reporter - £38(2.6.27)	Assembly Language Book - £14(1.11.39)
Schema - £112(4.1.5)	Assembly Language Disc - £9
SigmaSheet - £47(1.11.52 + 1.9.28)	Archimedes First Steps – £9(3.6.17)
System Delta-Plus II – £71(2.5.3)	BASIC V manual (Acorn) - £19(2.8.2)
System Delta-Plus Reference Manual – £28	BASIC V Dabhand Guide – £9(2.9.2)
	C Dabhand Guide - £14(2.1.28)

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603-766592, Fax -764011)

Archive Members' Price List - April 1991

Alcilive Members	1 1
(All prices include VAT and UK carriage) (Numbers in brackets refer to issues of Archive magazine.) (• means either 'new product' or 'new price')	ı
Shareware Discs Nº 0 to 26 & 30 to 38 - £3 each	
Any 10 Shareware discs – £27	
Careware Discs Nº 1 to 12 - £6 each	
Prog. Disc Vol. 1 Issues $1 - 6$ inc. on one disc $-£3$	1
Program Discs 1.7, 1.8, 1.9 etc - £3 each(3.8.2)	(
Volume 1 to 3 program discs (31) – £65	
Volume 3 program discs (12) – £28	
Volume 4 program discs advance booking (12) - £33	
Archive back issues - £2 each,	
Binder volume 1, 2, 3 or $4 - £5$ each(1.7.3)	
Binders 1 to 4 - £17 for four	
3.5" Discs, top quality – 10 for £13, 50 for £60	
Archimedes A300/400 dust cover – £10	
Archimedes A3000 dust cover – £10	
Annual Service Kit (2 batteries + fan filter) - £3	1
Oak SCSI Hard Drives	
All Oak drives and tape streamers INCLUDE a podule.	j
Subtract £100 if you want a drive without a podule.	J
A300/400 SCSI hard disc podule - £230	
New software for SCSi podules – £12(4.7.9)	
WorraWinnie SCSI Drives for 300/400(4.7.9)	,
20M internal drive + podule - £350	:
45M internal drive + podule - £450	1
80M internal drive + podule - £650	3
100M internal drive + podule - £860	:
200M internal drive + podule - £1270	
20M external drive + podule - £400	
45M external drive + podule - £500	
80M external drive + podule - £700	
100M external drive + podule - £910	1
200M external drive + podule - £1320	
High Speed SCSI Drives for 300/400(4.7.9)	
40M internal drive + podule - £530	
80M internal drive + podule - £740	
100M internal drive + podule - £1040	
200M internal drive + podule - £1550	
40M external drive + podule - £740	
80M external drive + podule - £940	
100M external drive + podule - £1250	,
200M external drive + podule - £1760	
Oak ELITE SCSI Drives for 300/400(4.7.9)	
40M external drive + podule - £880	
80M external drive + podule - £1240	
100M external drive + podule - £1450	
200M external drive + podule - £1820	
300M external drive + podule - £2470	
C403.4	

640M external drive + podule - £3080

A3000	WorraWinnie external drives	
	external drive + podule - £400	
45M	external drive + podule - £500	(4.4.2)
	external drive + podule - £700	
100M	external drive + podule - £910	
200M	external drive + podule - £1320)
A3000	SCSI hard disc podule - £230	
Oak S	CSI Tape streamers	(3.4.3)
60M	SCSI Tape streamer – £1140	
150M	SCSI Tape streamer - £1420	
1 Gb	SCSI Tapestreamer - £3160	(3.7.2)
60M	Cartridges (3M) - £24 each	
150M	Cartridges (3M) - £27 each	
1 Gb	Cartridges - £46 each	

Atomwide Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) - £595(4.7.12)
External 42M +Oak A300/400 podule - £795
External 42M +Oak A3000 ext podule - £795
External 42M +Lingenuity A3000 int podule - £775
Extra 42M cartridges - £82

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) - £595(4.1.47)
External 42M +Oak A300/400 podule - £795
External 42M +Oak A3000 ext podule - £795
External 42M +Lingenuity A3000 int podule - £775
Extra 42M cartridges - £82

Atomwide SCSI Hard Drives (<17 ms)

ZCL SCSI Hard Drives (<17 ms)

(Prices include cables - specify podule type)
Internal 48M (w/o podule) - £330(4.7.10)
External 48M (w/o podule) - £420
Internal 48M (Oak podule) - £530
External 48M (Oak podule) - £620
External 48M (Oak A3000 ext podule) - £620
External 48M (Lingenuity A3000 int podule) - £600....

Oak ST506 Hard Dr	ives	:
-------------------	------	---

Internal 20M (28ms) drive for A400 series - £220 Internal 40M (28ms) drive for A400 series - £340 Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier 60-disc copier, software & leads - £2750 (4.2.2, 4.4.2)

A400 / 500 Computers & Upgrades

A410 - £1290 (inc £100 Archive voucher)
A420 Learning Curve - £1520 (+ £100 voucher)
A440 equivalent – £1840 (+ £100 voucher)
A540 - £3520 (+ £200 voucher)
4M Ram card for A540 – £540
Ram for A410 - £60 per Mb (+ £10 if fitting req'd)
Single RAM chips (in case you damage one!) - £8
ARM3 – 24MHz (Aleph One) – £470(4.1.13)
ARM3 - 25MHz (CJE Micros) - £400(4.1.3)
Fan Speed Controller – £21 ,(4.5.2)
Econet module - £53
Replacement keyboard for 400/1 - £123
Replacement 3.5" drive for $400/1 - £72$ (3.5.3)

A3000 Computers & Upgrades	
A3000 computer - £695 (inc £50 free s/ware)	
A3000 Learning Curve - £817	
A3000 Jet Set Pack – £725(4.1.4)	
1 Mb A3000 upgrade (Morley) $-$ £82(3.3.3/3.6.2)	
3 Mb A3000 upgrade (Morley) – £245(3.3.3/3.6.2)	
1 Mb A3000 upgrade (Atomwide) - £82(3.10.2)	
3 Mb A3000 upgrade (Atomwide) - £280(3.10.2)	
A3000 Econet Module - £53	
A3000 Serial upgrade – £21	
A3000 User Port & Midi + £53	
Midi upgrade software - £10(3.6.2)	
A3000 User & Analogue Ports (Morley) + £74 (3.6.2)	
A3000 Ext 3.5" drive for A3000 - £138(3.6.2)	
SCSI podule for A3000 (Lingenuity) - £170	
SCSI podule for A3000 (Oak) - £230	

Monitors & Accessories

Acorn (Philips) monitor + £255	
Philips CM8833 14" monitor - £285	(2.9.2)
Bizo 9060SZ 14" multi-sync - £530	(3.7.2)
Taxan 795 14" Trinitron m-sync - £600	(4.1.6 + 21)
Eizo 9070\$Z 16" multi-sync - £900	(3.10.2)
Microvitec 20" multi-sync - £1730	
VIDC Enhancer - £36	(3.10.21)
A3000 Monitor stand - £34	***************************************
Long monitor lead with sound - £16	(3.12.2)
TV modulators - £56	

A310 / A440 Upgrades

noto / netro opginaco	
Replacement Mouse $-£56$ (3.5.3)	3)
Replacement Mouse cable (Digitec) - £11	
Replacement Mouse cable (Logitech) - £13	
Replacement 3.5" drive for 310 - £102(3.5.3	3)
Second internal 3.5" drive -£125	

Replacement keyboard for 310/1 - £123
MEMC1a upgrade for 310/440 – £76 ,(3.2.3)
ARM3 - 24MHz (Aleph One) - £470(4.1.13)
ARM3 - 25MHz (CJE Micros) - £400(4.1.3)
Econet module - £53
Acorn 2-slot backplane (inc fan) - £43
I.F.E.L. 4-layer 4-slot backplane (inc fan) - £67

Podulae & External add-one

Podules & External add-o	
5.25" drive interface (CJ Micros) - £36	
5.25" drive interface (Digital Svcs) - £39	(4.1.2)
ROM Podule - £54	(1.7.44)
with battery backup - £64	
32k RAM chips - £16	
Atomwide prototyping boards	(4.4.46)
Bare board with V1.3 ROM - £33	
Fully built with ROM - £44	
Fully built with RAM - £50	
APEC utilities disc - £5	
Colour Digitiser Hawk V9 - £368	(3.7.13)
Ethernet Card - £276	
Floating Point Co-Processor - £580	(4.2.43)
I/O Podule - £90	
New software for I/O Podule - £12	(3.6.2)
Joystick (Voltmace) - £26	
Joystick/switch - £19	(4,1.4)
Midi podule – £76	(3.2.26)
Midi podule upgrade software - £16	(3.6.2)
Marconi Trackerball £56	
ScanLight Plus (A4) + £434	
Sheet feeder for Scanlight Plus - £107	
ScanLight Plus Junior - £209	
ScanLight Plus Junior A3000 - £209	
SCSI podule for A300/A400 (Acorn) - £27	
SCSI podule for A300/A400 (Lingenuity) -	
SCSI podule for A300/A400 (Oak) - £225,	
Connectors & Cables	

Connectors & Cables

Keyboard extension cable - £8
Modern connecting lead – £12
Printer cable (Centronics) - £10
SCSI cable IDC to Amphenol - £16(4.7.12)
SCSI cable D-type to Amphenol $-£16$ (4.7.12)
SCSI cable Amphenol to Amphenol – £16(4.7.12)
SCSI cable IDC to IDC - £16(4.7.12)

Printers & Accessories

Panasonic KXP1081 9-pin printer - £158
Panasonic KXP1124 24-pin printer - £281
32k buffer chip for KXP1124 - £16
Cut-sheet feeder for KXP1124 - £128(3.10.3)
Ribbons for KXP1124 - £11 each(3.10.3)
Centronics Printer cable - £10
Laser Direct 300 dpi $-$ £1100 (3.9.3 + 3.10.3 + 3.12.6)
Laser Direct 600 dpi (LBP8) - £1595(4.1.2)
Canon LBP4 - £970(4.1.2)
1.D interface for LBP4 + £380(4.1.2)
ArcLaser - £1065(3.11.3 + 3.12.6)
·

Qume toner set - £77		(4.1.4)
Qume drum set - £97		(4.1.4)
Toner cartridge for LB	P4/8 - £82	

Languages

Languages	
ABC-2 BASIC Compiler - £91	(2.5.16)
ABC Dynamic Extensions - £46	(3.1.2)
Acom Assembler - £199	(3.4.51)
Adventure Lang Prog System (ALPS) -:	£33(3.3.50)
ANSI-C (Release 3) - £148	
Cambridge Pascal - £72	(3.4.27)
C Front End - £19	(3,4,49)
Fortran 77 (Rel. 2) - £99	(1.7.26)
Iso-Pascal (Rel. 2) - £99(1.9	0.24 + 1.11.14
Logotron Logo - £65	(1.11.50)
Risc BASIC Compiler - £135	(2.9,32)
Risc Forth - £135	(2.2.23)
Robol.OGO - £92	(4.1.5)
Twin Editor + £30	
Wingpass Macro Assembler V2 - £48	(2.8.41)

Word-Processors & DTP		
DTP from Acorn - £148	.(2.12.41)	
Easiword - £37	(3.9.2)	
Equasor - £53	(4.6.47)	
Expression PS - £22	(4.5.3)	
First Word Plus 2 – £84	(3.4.40)	
First Word Plus Extended Dictionary - £7	(2.8.30)	
First Fonts, Maths/Scientific - £21	(2.1.32)	
Graphic Writer - £28		
Impression 2 DTP - £180	(4.5.49)	
Impression Dongle Dangle - £6	(4.5.3)	
Impression Junior – £91	(3.2,59)	
Inter-Word ROM - £43		
Inter-Word disc - £31	(1.1,20)	
Ovation DTP - £107	.(3.12.23)	
Protext 5.0 - £138,	(4.2.3)	
ShowPage - £153		
SpellMaster ROM - £56	(1.10.34)	
SpellMaster disc - £42		
Tempest DTP − £123	(3.10.50)	
Wordwise Plus A (80 column) - £31	(3.5.5)	
Wordwise Plus A (upgrade from BBC) - £10	(1,2.20)	
Graphics & Clinart		

Graphics & Clipart

Children's pictures – £19	(4.7.2)
History (Costume) Graphics Pack - £19	(4.7.39)
Maps of the World - £29	(4.1.54)
Pre-Historic Animals - £19	(4.7.39)
Tools - £19	(4.7.38)
World Wildlife Pack - £19	(4.7.39)
Pre-Historic Animals + £19 Tools + £19	(4.7.39)

ArcImEd = £24

Arcimed - £24	(1.12.42
ArcLight - £47	(4.4.19
ArcPCB - £163	(2.1.2
ArcPCB Professional - £327	(3.1.4
Artisan 2 – £56	(3.5.53

Art Nouveau - £42.50	(2.6.17)
Atelier - £87	(2.12.46)
AutoSketch - £81	(1,7.3)
Drawing Board - £55	(2.5.33)
Euclid - £61	(3.1.50)
Film Maker – £92	(2.6.3
GammaPlot — £47	
GraphBox - £71	(2.8.4
Inter-Chart ROM - £28	,(1.1.20)
Inter-Chart disc - £21	(1.1.20)
Mogul (for Euclid) - £21	(3.1.50)
Poster (with fonts) -£95	(3.11.13)
Presenter II - £43(1.11.4	6 + 3.3.23
Presenter II with Hotlinks - £50	(3.10.3)
Presentation System - £47	(2.7.20)
Pro-Artisan – £87	
Realtime Solids Modeller - £163	(2,10.46)
Render Bender – £71	(2.9.23)
Revelation image processor - £82	(4.5.4
Snippet - £31	
Solid CAD - £135	
Solids Render - £135	(4.1.5
Solid Tools – £327	(4.1.5
Splice - £26	(3.12.38
Super-Dump - £29	(4.1.5
Super-Plot – £38	
Tracer (Midnight Graphics) - £57	(4.6.3
Tween - £26	,
Worra-CAD - £82	(3.11.4
Sound (Hardware & Softwa	ere)

oodiia (ilaiamaic a coltmaic)		
Acorn Midi podule - £76	(3.2.26)	
Armadeus - £72		
Armadeus sampler podule - £145	(2.9.17)	
Rhapsody – £47	(4,2.19 + 4.3.29)	
Supersound Creations - £18	(4.3.4)	
Tracker - £47	(4.5.44)	

Communications

Acom – £29	(4.3.40)
Arc-Comm - £32	(4.3.40)
ArcTerm 7 – £77	.,(4.5.2)
Hearsay - £60	(1.12.22)
WS3000 V22bis modem - £320	(2.8.5)
Modern connecting lead - £13	

Utilities

ArcDFS - £29(3.11.55 -	+ 3.12.30 + 4.1.48
Archway2 - £92	(4,5.2
ArcMonitor - £29	(4.4.2
CIS Utilities (inc Pro-Copier) - £17.	(4.3.2
Colour dump - Canon - £26	
Colour dump - Integrex - £26	
Colour dump - LC10 + £26	(3.3.28 + 3.9.59
DataStore Utilities Disc №1 - £15	(3.2.32
DataStore Utilities Disc №2 – £15 .	(4.6.2
DiscTree - £45	(2.8.24
FontFX - £10	(3.9.37

Careware Nº13

We have put Jonathan Marten's improved, improved Draw program, !DrawPlus (reviewed last month, page 19) as the major item on Careware 13. We have made it a DTP type disc by adding the latest versions of !CGM->Draw (v1.6) and !Translator (v6.45) and two utilities to convert the other way: !DrwCgtn (v0.9c) which converts Draw files to CGM files and !Creator (v1.13) which converts sprite files into GIF, TIFF, AIM, PBM files, There is also some Draw clip art: under the heading of biology are: 4 week old & 8 week old embryos, digestive system, ear, paramecium, respiratory system, resuscitation, teeth; under the heading of people are: cobbler, eskimo, footballer, girl reading, girl riding, magician, painter, singer; and then the rest... bed and breakfast, house, King George V battleship, long ship, Pink Panther, snowman, tree.

June Sales

We still have one or two items where we have excess stock that needs clearing

Hardware

- · A3000 20M external SCSI Worra winnie drive -£340 (was £400).
- A300/400 45M internal SCSI Worra winnie drive £390 (was £450)
- · A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) - £590 (was £720)
- WS3000 modem £290 (was £320)

Software

- Artisan 2 £39 (was £56)
- Wordwise Plus (ARM code version) £25 (was £31)
- U.l.M. -£12 (was £28)
- Olympics £8 (was £19)
- PIPP £18 (was £38)
- Holed Out-£15 (was £19)
- Drop Ship £15 (was £19)
- Pysanki £15 (was £19)
- Inertia £15 (was £19)
- Man-at-Arms £15 (was £20)

Charity Sales

In addition to the bits on page 27 of the magazine, we also have:

- · Autosketch £15 (new £81)
- * Risc Forth + 2 books + £30 (new £135 + books)

Monthly Program Disc

The contents of the monthly program disc...

Main items

!Painting Modified Arthur Paint with print key

activated (p5)

!PicPrint Prints sprites without having to load !Paint

RunImpDoc Runs Impression documents (p10) Some typical digitised pictures (p32)

Extra hits

"IVScarch 'leon' virus killer

Archive (vol 4) and Arcscan3 files for

various clip art

multistore multistore database file of the UK STD

codes

Review Items

In addition to the items for review on page 3 of the magazine, we also have:

- . Chocks Away Extra Missions
- · Fine Racer from Eterna
- · First Words & Pictures from ChalkSoft

A400/1 series prices

We are able to make special deals on RAM and bard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 ÷ £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ. add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603–766592, Fax –764011)

Archive Members' Price List – June 1991

(All prices include VAT and UK carriage) (Numbers in brackets refer to issues of Archive magazine.) (• means either 'new product' or 'new price')
Shareware Discs Nº 0 to 26 & 30 to 40 - £3 each
Any 10 Shareware discs – £27
Careware Discs No 1 to 13 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3
Program Discs 1.7, 1.8, 1.9 etc – £3 each(3.8.2)
Volumes 1 to 4 program discs (43 discs) – £75
Volume 3 program discs (12) - £25
Volume 4 program discs (12) – £30
Archive back issues – £2 each
Binder volume 1, 2, 3 or $4 - £5$ each(1.7.3)
Binders 1 to $4 - £17$ for four
3.5" Discs, top quality 10 for £13, 50 for £60
Archimedes A300/400 dust cover - £10
Archimedes A3000 dust cover – £10
Annual Service Kit (2 batteries + fan filter) - £3 ·

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.

New software for SCS1 poddles - £12(4.7.9)	
WorraWinnie SCSI Drives for 300/400(4.7.9)	

20M internal drive + podule - £350

45M internal drive + podule - £450 80M internal drive + podule - £650

100M internal drive + podule - £860

200M internal drive + podule - £1270 20M external drive + podulc £400

45M external drive + podule - £500

80M external drive + podule - £700

100M external drive + podule - £910 200M external drive + podule - £1320

High Speed SCSI Drives for 300/400(4.7.9)

40M internal drive + podule - £530 80M internal drive + podule - £740

100M internal drive + podule - £1040

200M internal drive + podule - £1550

40M external drive + podule + £740

80M external drive + podule - £940

100M external drive + podule - £1250

200M external drive e podule - £1760

Oak ELITE SCSI Drives for 300/400(4.7.9) 40M external drive + podule - £880

80M external drive + podule - £1240

100M external drive + podule - £1450

200M external drive + podule -- £1820 300M external drive + podule - £2470

640M external drive + podule - £3080

50-disc copier, software & leads - £2750 (4.2.2, 4.4.2)

A3000 WorraWinnie external drives 20M external drive + podule - £400(4.3.15) 45M external drive + podule - £500(4.4.2) 80M external drive + podule - £700(4.4.2) 100M external drive + podule - £910 200M external drive + podule - £1320 A3000 SCSI hard disc podule - £230

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge) External 42M (20ms) (w/o podule) - £555(4.1.47) External 42M +Oak A300/400 podule - £755

External 42M +Oak A3000 ext podule -- £755

External 42M +Lingenuity A3000 int podule - £735 Extra 42M cartridges – £75

Atomwide Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge) External 42M (20ms) (w/o podule) - £565(4.7.12) External 42M +Oak A300/400 podule - £765 External 42M +Oak A3000 ext podule - £765 External 42M +Lingenuity A3000 int podule - £745 Extra 42M cartridges - £75

Atomwide SCSI Hard Drives (<17 ms)

(Prices include cables - specify podule type) Internal 48M (w/o podule) - £330(4.7.10) External 48M (w/o podule) - £420 Internal 48M (Oak podule) + £530 External 48M (Oak podule) - £620..... External 48M (Oak A3000 ext podule) - £620 External 48M (Lingenuity A3000 int podule) - £600.... Internal 100M (w/o podule) - £540(4.7.10) External 100M (w/o podule) – £640 Internal 100M (Oak podule) - £740 External 100M (Oak podule) - £840 External 100M (Oak A3000 ext podule) - £840...... External 100M (Lingenuity A3000 int podule) - £820

ZCL SCSI Hard Drives (<17 ms)

(Prices include cables - specify podule type) Internal 48M (w/o podule) – £330(4.7.10) External 48M (w/o podule) -- £420 Internal 48M (Oak podule) -- £530 External 48M (Oak podule) - £620 External 48M (Oak A3000 ext podule) - £620 External 48M (Lingenuity A3000 int podule) - £600....

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series - £220 Internal 40M (28ms) drive for A400 series £340 Internal 47M (28ms) drive for A400 series - £420

Xpress Bulk Disc Copier

A400 / 500 Computers & Upgrades
A410 – £1290 (inc £100 Archive voucher)
A420 Learning Curve – £1520 (+ £100 youcher)
A440 equivalent – £1840 (+ £100 voucher)
A540 - £3520 (+ £200 voucher)
4M Ram card for A540 - £540
Ram for A410 - £60 per Mb (+ £10 if fitting req'd)
Single RAM chips (in case you damage one!) - £8
ARM3 – 24MHz (Aleph One) – £470(4.1.13) ARM3 – 25MHz (CJE Micros) – £400(4.1.3)
ARM3 - 25MHz (CJE Micros) - £400(4.1.3)
Fan Speed Controller – £21(4.5.2)
Replacement keyboard for 400/1 - £123
Replacement 3.5" drive for $400/1 - £72$ (3.5.3)
·
A3000 Computers & Upgrades
A3000 computer – £695 (inc £50 free s/ware)
A3000 Learning Curve – £817
A3000 Jet Set Pack – £725(4.1.4) I Mb A3000 upgrade (Morley) – £82(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) $-£245$ (3.3.3/3.6.2)
1 Mb $\Delta 3000$ upgrade (Money) = £245(3.5.5/5.0.2) 1 Mb $\Delta 3000$ upgrade (Atomwide) = £82 (3.10.2)
1 Mb A3000 upgrade (Atomwide) - £82(3.10.2) 3 Mb A3000 upgrade (Atomwide) - £280(3.10.2)
A3000 Econet Module – £53
A3000 Serial upgrade – £21
A3000 User Port & Midi – £53
Midi upgrade software – £10(3.6.2)
A3000 User & Analogue Ports (Morley) - £74 (3.6.2)
A3000 Ext 3.5" drive for A3000 - £138(3.6.2)
SCSI podule for A3000 (Lingenuity) – £170
SCSI podule for A3000 (Oak) – £230
Monitors & Accessories
Monitors & Accessories Acorn (Philips) monitor – £255
Monitors & Accessories Acorn (Philips) monitor - £255 Philips CM8833 14" monitor - £285(2.9.2)
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor − £255 Philips CM8833 14" monitor − £285
Monitors & Accessories Acorn (Philips) monitor − £255 Philips CM8833 14" monitor − £285
Monitors & Accessories Acorn (Philips) monitor − £255
Monitors & Accessories Acorn (Philips) monitor − £255
Monitors & Accessories Acorn (Philips) monitor − £255
Monitors & Accessories Acorn (Philips) monitor − £255 Philips CM8833 14" monitor − £285
Monitors & Accessories Acorn (Philips) monitor − £255
Monitors & Accessories Acorn (Philips) monitor $-£255$ Philips CM8833 14" monitor $-£285$
Monitors & Accessories Acorn (Philips) monitor − £255
Monitors & Accessories Acorn (Philips) monitor - £255
Monitors & Accessories Acorn (Philips) monitor − £255
Monitors & Accessories Acorn (Philips) monitor - £255

Podules & External add-ons
5.25" drive interface (CJ Micros) – £36
5.25" drive interface (Digital Svcs) - £39(4.1.2)
ROM Podule – £54(1.7.44)
with battery backup - £64
32k RAM chips – £16
Atomwide prototyping boards(4.4.46) Bare board with V1.3 ROM – £33(4.4.46)
Bare board with V1.3 ROM - £33
Fully built with ROM – £44
Fully built with RAM – £50
APEC utilities disc – £5
Colour Digitiser Hawk V9 - £368(3.7.13)
Ethernet Card – £276(4.1,2)
Floating Point Co-Processor – £580(4.2.43)
/O Podule – £90(1.7.38)
New software for I/O Podule – £12(3.6.2)
loystick (Voltmace) – £26
Joystick/switch - £19(4.1.4)
Midi podule – £76(3,2,26)
Midi podule upgrade software – £16(3.6.2)
Marconi Trackerball – £56
ScanLight Plus (A4) – £434(2.12.49)
Sheet feeder for Scanlight Plus – £107
Scanl.ight Plus Junior - £209
ScanLight Plus Junior A3000 – £209
SCSI podule for A300/A400 (Acorn) - £276 SCSI podule for A300/A400 (Lingenuity) - £189
SCSI podule for A300/A400 (Lingenuity) - £189 SCSI podule for A300/A400 (Oak) - £225
Connectors & Cables
Keyboard extension cable – £8
Modem connecting lead – £12
Printer cable (Centronics) – £10
Printer cable (Centronics) – £10 SCSI cable IDC to Amphenol – £16(4.7.12)
Printer cable (Centronics) – £10
Printer cable (Centronics) $-$ £10(4.7.12) SCSI cable IDC to Amphenol $-$ £16(4.7.12) SCSI cable D-type to Amphenol $-$ £16(4.7.12) SCSI cable Amphenol to Amphenol $-$ £16(4.7.12)
Printer cable (Centronics) – £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) - £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) $-$ £10
Printer cable (Centronics) - £10

ocumentation (continued)
3ASIC V manual (Acom) – £19(2.8.2)
BASIC V Dabhand Guide – £9
Dabhand Guide – £14 (being reprinted)(2.1.28)
Guide Disc – £9
OTP Seeds – £8(4.9.36)
Guide to Acorn DTP (inc. disc) - £18(3.4.55)
Operating System Book - £14(2.6.45)
Departing System Disc – £9(2.6.45)
RISC-OS Prog Ref Manual – £75(3.1.53)
288 Dabhand Guide - £14(3.9.57)
Games
3D Chess – £19(4.9.2) Adventure Lang Prog System (ALPS) – £33(3.3.50)
Adventure Lang Prog System (ALPS) – £33(3.3.50)
Alerion – £15(2.1.45)
Alien Invasion – £15(3.12.20)
MI-in Boxing – £15(3.1.4)
Apocalypse – £29(3.10.42)
Arcade 3 Compilation – £14(3.1.44)
Arcade Soccer – £19(3.10.35)
Arcendium – £15(2.5.2)
Arc Trivia – £24(2.7.52)
ArcPinball – £24(4.5.2)
Ballarena – £19(4.4.20)
Blowpipe – £20(4.5.2)
Boogie Buggy – £23(4.9,2)
Bug Hunter/MoonDash - £18(3.10.26)
Bug Hunter in Space – £18(4.4.52)
Caverns - £18(3.5.2)
Cheat it again, Archie – £11(2.7.55) Chocks Away 2 – £24(4,40)
Chocks Away 2 – £24(4,4,40)
Chocks Away Extra Missions – £19(4.9.2) Cops (Adventure) – £19(3.7.48)
Cops (Adventure) – £19(3.7.48)
Crisis – £28(4.3.2)
Drop Ship – £19(4.4.52)
Enthar-7 – £27(2.1,44) E-Type – £19(3.2.49)
E-Type - £19(3.2.49)
E-Type Designer – £17(3.3.2)
E-Type Extra 100 miles – £17(3.3.2) Pamily Favourites – £19(3.8.59)
Family Payourites - £19(3.8.39)
Fireball II – £24(3.5.41)
Firehall II + Fish + Pon (MiniPack5) - £28(3.5.41)
Freddy's Folly $-£15$ (2.1.45) Herewith the Clues! $-£24$ (3.11.57)
Herewith the Clues! -124 (3.11.57)
(2.9.38)
Holed Out Extra Coures 1 – £17(2,10,5)
Holed Out Extra Coures 2 – £17(2.10.5) Holed Out Designer – £19(3.9.60)
Total Out Designer - £19(3.9.60)
Hostages – £20 (4.4.16)

Hoverbod – £15	
Ibix the Viking -£19	
Inertia £19	(3.12.43)
Interdictor 2 – £33	(4.2.17)
Iron Lord – £19	
Jet Fighter – £15	(2.3.2)
Last Days of Doom/Hezarin – £19	(3.7.3)
Maddingly Hall – £15	(4.9.60)
Mad Professor Mariarti - £19	(4.5.3)
Mah Jong Patience - £19	(4.3.3)
Man at Arms – £20	
Memory Magic - £16	(3.11.3)
MicroDrive - £19	(3,11,3)
MicroDrive Extra Courses - £15	(4.3.3)
MiniPack5 - Fireball II + Fish + Pon - £28	(3.5.41)
Minotaur – £15	(1.3.34)
Missile Control – £15	(1.10,47)
Nevryon – £19	(4,1,53)
Olympics – £20	(3.9.58)
Orion – £15 PipeMania – £24 "	(2.1.45)
PipeMania – £24 "	(4.4.7)
Plague Planet - £15	(2.10.48)
Powerband – £24	(4.7.24)
Pysanki – £19	
Quazer – £11	
Redshift - £18	
Repton 3 - £19	(2,3.2)
Return to Doom - £20	(4.7.27)
Rotor – £24	
Square Route - £19	(4.5.4)
Star Trader – £17	(2.5.31)
Superior Golf - £19	(3.12.19)
Talisman - £15	(4.3.50)
The WIMP Game - £19	(4.3.42)
Thundermonk - £15	(2.5.3)
Trivial Pursuit - £28	(3.6.41)
Twinworld – £19	
U.J.M £29	(3.7.21)
WordUpWordDown - £17	(2.5.31)
Worldscape - £20	(4.5.4)
Zarch – £19	(1,2,33)
700	
Z88 Z88 Computer – £235	
128k RAM pack – £50	
128k EPROM pack – £50	
EPROM eraser – £40	
Archimedes link – £36	
Carrying case – £10	
Mains Adaptor – £10	
Mains Adaptor — 1.10	

	Drawing Board – £55(2.5	5 3 3 1
Languages	Facilit – £61 (3.1	
ABC-2 BASIC Compiler - £91(2.5.16)	Film Maker – £92(2	
ABC Dynamic Extensions – £46(3.1.2)	GammaPlot – £47(1,12	2.19)
Acorn Assembler – £199(3.4.51)	GraphBox – £71	
Adventure Lang Prog System (ALPS) – £33(3.3.50)	Inter-Chart ROM – £28(1.1	
ANSI-C (Release 3) - £148	Inter-Chart disc - £21(1.1	
Cambridge Pascal - £72	Mogul (for Euclid) - £21(3.1	
C Front End – £19(3.4.49) Fortran 77 (Rel. 2) – £99(1,7.26)	Poster (with fonts) -£95(3,11	
Fortian 77 (Ref. 2) = 1.99	Presenter II - £43(1,11,46 + 3,3	
Logotron Logo – £65(1.7.24 + 1.11.14)	Presenter II with Hotlinks - £50(3.1	
Risc BASIC Compiler – £135(2.9.32)	Presentation System – £47(2.7	
Risc Forth – £135(2.2.23)	Pro-Artisan – £87(2.3	3.19).
Robol.OGO – £92(4.1.5)	Realtime Solids Modeller - £163(2.10	
Twin Editor – £20	Render Bender - £71(2.9	
Twin Editor – £30	Revelation image processor + £82(4	
	Snippet – £31(3.i	
Word-Processors & DTP	Solid CAD - £135(2	
DTP from Acom – £148(2,12,41) Easiword – £37(3,9.2)	Solids Render – £135(4	
Equasor - £53	Solid Tools – £327	
Expression PS – £22. $(4.5.3)$	Splice - £26	1.38)
First Word Plus $2 - £84$	Super-Dump - £29 (4. Super-Plot - £38 (4.	.1.5)
First Word Plus Extended Dictionary – £7(2.8.30)	Tracer (Midnight Graphics) - £57(4.	(1.5)
First Fonts, Maths/Scientific – £21(2.1.32)	Tween - £26(3.12	
Graphic Writer - £28(1.6.12)	Worra-CAD – £82(3.1	(1.Δ)
Impression 2 DTP – £180(4.5.49)		
Impression Dongle Dangle – £6(4.5.3)	Sound (Hardware & Software)	
Impression Junior – £91(3.2.59)	Acom Midi podule – £76(3.2	
later-Word ROM – £43(1.1.20)	Armadeus – £72(2.9	1.17)
Inter-Word disc – £31(1.1.20)	Armadeus sampler podule – £145(2.9	1,17)
Ovation DTP - £107(3.12.23)	Rhapsody – £47	
Protext 5.0 - £138(4.2.3)	Speech! - £19	
ShowPage – £153(4.5.4 + 4.9.45)	Supersound Creations – £18(4.	
SpellMaster ROM - £56(1.10.34)	Tracker – £47(4.5	1.44)
SpellMaster disc - £42(1.10.34)	Communications	
Tempest DTP – £123(3.10.50)	Acom – £29(4.3	
Wordwise Plus A (80 column) – £31(3.5.5)	• Arc-Comm 2 – £59(4.	
Wordwise Plus A (upgrade from BBC) – £10 (1.2.20)	ArcTerm 7 – £77(4	.5.2)
Graphics & Clipart	Hearsay - £60(1.12	
Children's pictures – £19(4.7.2)	WS3000 V22bis modem – £320(2.	
History (Costume) Graphics Pack - £19(4.7.39)	Modem connecting lead – £13	• · · · · ·
Maps of the World – £27(4.1.54)	Utilities	
Pre-Historic Animals – £19(4.7.39)	ArcDFS $-£29$ (3.11.55 + 3.12,30 + 4.1	
Tools - £27(4.7.38)	Archway2 – £92(4.	.5.2)
World Wildlife Pack - £19(4.7.39)	ArcMonitor – £29(4	
Art / Drawing etc Packages	Broadcast Loader (Econet) – £75(4.)	
ArcImEd - £24(1.12.42)	CIS Utilities (inc Pro-Copier) – £17(4.	.3.2)
ArcLight – £47(4.4.19)	Colour dump - Canon - £26	
ArcPCB - £163(2.1.2)	Colour dump - Integrex - £26	
ArcPCB Professional $-£327$ (3.1.4)	Colour dump – I.C10 – £26(3.3.28 + 3.9	
Artisan 2 – £56 (3.5.53)	DataStore Utilities Disc Nº1 – £15(3.2	
7	DataStore Utilities Disc Nº2 - £15 ,,(4,	
Art Nouveau – £42,50(2.6.17)	DataStore Utilities Disc $N^02 - £15$ (4. DiscTree - £45(2.8	3.24)
7	DataStore Utilities Disc Nº2 - £15 ,,(4,	3.24) 0.37)

Utilities (continued)	Educational Programs
Instigator - £46(2.10.5)	Amazing Ollie (age: $4+$) – £16(4.2.2)
Investigator II – £27(4.5.3)	Astro (Astronomy programs) – £21(4.2.2)
Outline Font Starter Pack - £48(3.5.3)	BookBinder (Musbury) – £50(4.6.56)
Outline Fonts 'Newhall' - £48(3.5.3)	Coffee (age: 9 - 15) - £33(4.2.2)
PC Emulator - £96(1.5.24)	Concept Designer – £26(4.7.2)
RISC-OS upgrade – £37(2.7.20)	Craftshop $1 - £34$ (3.9.35)
RISC-OS Companion – £51(2.12.51)	Craftshop 2 – £34(3.9.5)
Software Developer's Toolbox - £179(2.3.2)	Desktop Folio - £97(4.5.2)
TCP/IP Protocol Suite – £199(4.2.3)	Desk Top Stories – £39(2.12.48)
TCP/IP Protocol Suite Site Licence - £1020(4,2.3)	DigiSim - £41(2.8.48)
TCP/IP Programmers Pack – £49(4.2.3)	Droom - £26(1.7.42)
Timewatch – £29(3.2.28)	Dust - £33(4.1.3)
Toolkit Plus – £43(2.2.32)	Flight Path (age: $9+$) – £33(4.6.2)
WIMP Template Editor – £8(2.5.29)	Freddy Teddy $-$ £21(4.4.2)
Worra Plotter – £28(3.3.3)	Freddy Teddy's Adventure – £21(4.4.2)
	Fun School 2 (age: under 6's) – £20(4.2.59)
Integrated Software	Fun School 2 (age: $6 - 8$'s) $- £20$ (4.2.59)
Desktop Office – £125(4.1.40 + 4.2.55)	Fun School 2 (age: $8+$) – £20(4.2.59)
Home Accounts – £47(2.10.29)	Gate Array Design/l'eaching - £135(4.1.3)
Minerva Business Accounts – £360(4.1.3)	Genesis II – £135(4.3.3)
Minerva Nominal Ledger – £92(4.1.3)	Geoscan Database – £39(4.2.51)
Minerva Ordering/Invoicing – £92(4.1.3)	Giant Killer Maths Adventure – £19(4.5.3)
Minerva Purchase Ledger – £92 ,(4.1.3)	Giant Killer Support Disc - £17(4.5.3)
Minerva Sales Ledger – £92(4.1.3)	HoneyPot – £48(4.6.60)
Minerva Stock Management – £92(4.1.3)	• House of Numbers – £24(4.9.3)
Office Tools – £325(4.1.4)	Figure 231
Personal Accounts (Apricote) - £28(4.2.53)	Jigsaw – £34(3.5.27)
PipeDream 3 – £148(2.12,23)	Landmarks (Egypt) – £21
PipeDream Extended Dictionary – £8(3,2,28)	Landmarks (2nd World War) – £21(4.8.29)
ShareHolder – £135(4.1.5)	Logotron Logo – £65(1.11.50)
The Account Book (Apricote) $-£33$ (4.2.53)	Magpie multi-media – £58(4.5.3)
The Invoice Program (Apricote) $-£33$ (4.2.53)	Maps of the World – £27(4.1.54)
Spreadsheets & Databases	Mental Maths $-$ £19(4.5.4)
Alphabase – £43(2.5.37)	Numerator – £80(2.12.46)
Ancestry $-$ £71(2.8.43)	Ollie Octopus Sketchpad (age: $4+$) – £16(4.2.3)
Arcscan III Database – £18(4.8.21)	
DataVision - £135(4.1.3)	Order & Chaos (for Numerator) - £18(4.1.26)
Financial Accountant – £250(4.1.3)	PenDown - £58(3.12.48/4.1.42/4.6.54)
Flexifile – £135	• PenDown OUtline Fonts Disc – £19(4.9.3)
Inter-Sheet disc $-£31$ (1,1.20)	P.I.P.P £38(3.12.51)
Inter-Sheet ROM – £43(1.1.20)	RiscType $V2 - £19$ (4.3.3)
Knowledge Organiser – £56(3.9.54)	RoboLOGO – £92(4.4.54)
Mailshot – £38(2.6.27)	Tiny Logo + Tiny Draw - £32(4.3.59)
Matrix 3 – £91 (1.11.2)	Documentation
Multistore II $=$ £255(3.4.33 / 3.6.46)	A3000 Technical Manual – £28(3.8.2)
	A540 Technical Manual – £65
Reporter - £38(2.6.27) Schema - £112(4.1.5 + 4.9.27)	Assembly Language Book - £14 (heing reprinted)(1,11,39)
	Assembly Language Disc - £9
SigmaSheet – £47(1.11.52 + 1.9.28)	Archimedes First Steps - £9(3.6.17)
System Delta-Plus II - £71(2.5.3)	,,
System Delta-Plus Reference Manual – £28	
Norwich Computer Services, 96a V	Vauxhall Street, Norwich NR2 2SD.

(Phone: 0603–766592, Fax –764011)

Holed Out Extra Coures 1 - £16	(2.10.5)
Holed Out Extra Coures 2 - £16	(2.10.5)
Holed Out Designer - £18	(3.9.60)
 Hostages £19 	
Hoverbod - £14	(1.10.47)
lbix the Viking -£18	(3.1.45)
Inertia - £18	
Interdictor - £30	
Jet Fighter - £14	(2.3.2)
Maddingly Hall £14	(3.8.3)
Man at Arms - £19	
MicroDrive - £18	
Minotaur £14	
Memory Magic · £15	(3.11.3)
Missile Control - £14	(1.10.47)
Olympics - £19	(3.9.58)
Orion · £14	
Pacmania · £18	(2.4.29)
Plague Planct £11	(2.10.48)
Remrn to Doom - £19	
Last Days of Doom - £19	(3.7.3)
• Nevryon - £18	(3.12.2)
Redshift - £17	
Repton 3 £18	
Rotor - £23	(3.7.3)
Quazer - £11	.(1.10.47)
Superior Golf - £18	.(3.12.19)
Star Trader - £16	(2.5.31)
Talisman - £14	(3.8.4)
Теттатех - £18	
Thundermonk £14	
Trivial Pursuit - £27	
U.I.M £28	
WordUpWordDown - £16	
Zarch ·£18	(1.2.33)
700	

Z88

Z88 Computer + £230 128k ram pack + £49	Archimedes link – £35 Carrying case - £10
128k eprom pack + £49	Mains Adaptor £10
Eprom eraser – £39	-

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100) free software with it) you can have extra ram fitted at £60 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 420/1 equivalent is £1260 + £60 + £200 = £1520 and a 440/1 costs £1260 + 3 * £60 + £390 = £1830.

If you want an Acorn monitor or a Cub 3000 at the same time, add £220, if you want a Philips CM8833, add £260, if you want a 14" Eizo 9060SZ monitor at the same time, add £500 and if you want a 16" Eizo 9070SZ monitor at the same time, add £860.

Bulletin Board Password

The password for the Archive bulletin board is still "Vauxball" - phone 0603-745932.

Laser Direct in Stock

We have been able to get hold of some more Laser Directs from Computer Concepts. These will be available on a first come, first served basis.

Watford 310 ram boards very cheap!

We still have a couple of Watford ram boards which are going at 'silly' prices - first come first served. Please ring if you are interested. We have one 2M board at £240 instead of £330 and a 4M at £400 instead of £575.

Extra Small Ad

A310 + 5.25" drive £500. Philips CM8833 £200. Full software selection, A.C.Otway 0706-215381.

STOP PRESS!!!

New ARM3 Archimedes computer is launched

Acom computers are just about to launch a "flag-ship" addition to the Archimedes range of computers. As far as we can gather at this stage, it is basically the R200 series hardware but without the Unix software. So it will presumably have ARM3 in a sub-board capable of being replaced by more powerful processors later (ARM4 including integral f.p.u.?) and will have ram, again in sub-boards, 4M in each up to a maximum of 16M.

Exactly what configuration is going to be offered and at what price and when, I don't know at this stage but if I find out anything else before the magazine is put into the envelopes, I will photocopy some details and add them in.

Archive Members' Pr

(All prices include VAT and UK carriage) (Numbers in brackets refer to issues of Archive magazine.)
Shareware Discs Nº 0 to 26 & 30 to 32 - £3 each
Any 10 Shareware discs - £27
All 30 Shareware discs – £70
Careware Discs № 1 to 8 – £6 each
All 8 Careware discs - £44
Prog. Disc Vol. 1 Issues 1 + 6 inc. on one disc + £3
Program Discs 1.7, 1.8, 1.9 etc -£3 each (3.8.2)
Volume 1 to 3 program discs (31) → £65
Volume 3 program discs (12) + £28
Volume 4 program discs advance booking (12) - £33
Archive back issues - £2 each
Binder volume 1, 2, 3 or 4 - £5(1.7.3)
Binders 1 to 4 – £16
3.5" Discs, top quality branded + 10 for £15
Printer cable – £10
Keyboard extension cable – £8
Archimedes A300/400 dust cover – £10
Archimedes A3000 dust cover +£11
Oak SCSI Hard Drives
All 15 as INCLIENT a PCCL modula Subtract \$100 if

(All makes in closely MAT and LMZ apprings)

4-11-0-11-0-1
All drives INCLUDE a SCSI podule. Subtract £100 if
you want a drive without a podule.
Oak SCSI Drives for 300/400 .(2.11.2, 3.2.10, 3.4.15)
20M internal drive + SCSI pod -£400
45M internal drive + SCSI pod - £525
 80M internal drive + SCSI pod - £750
 100M internal drive + SCSI pod - £990
 200M internal drive + SCSI pod - £1370
SCSI bard disc podule – £220
20M external drive + SCSI pod - £560
45M external drive + SCSI pod - £655
 80M external drive + SCSI pod - £890
 100M external drive + SCSI pod + £1130
 200M external drive + SCSI pod - £1490
 330M external drive + SCSI pod – £2395
 512M external drive + SCSI pod – £2995
42M Removable hard drive – £1190(3.11.44)
extra 42M cartridges cartridges – £105
• 560M Magneto-optical drive – £3800(3.8.32)
Data cartridges for Magneto-optical drive -£310
Oak SCSI Tape streamers(3.4.3)
60M SCSI Tape streamer – £1100
150M SCSI Tape streamer – £1350
• 1 Gb SCSI Tapestreamer • £2995(3.7.2)
60M Cartridges – £34 cach
150M Cartridges – £37 each
1 Gb Cartridges £45 each
A3000 external drives
20M external drive + SCSI pod + £560
45M external drive + SCSI pod - £655

• 80M external drive + SCSI pod - £890

• 100M external drive + SCSI pod - £1130

ice List – August 1990
• 200M external drive + SCSI pod - £1490 • 330M external drive + SCSI pod - £2395 • 512M external drive + SCSI pod - £2995 A3000 drives in monitor stand
Oak ST506 Hard Drives
Internal 20M (28ms) drive for A400 series - £210 Internal 40M (28ms) drive for A400 series - £330 Internal 47M (28ms) drive for A400 series - £410
Computers & Upgrades
A410/1 - £1260 (inc £100 free s/ware)
A3000 computer + £680 (inc £50 free s/ware)
Learning Curve − £800
Monitors & Accessories

Acorn (Philips) colour monitor - £250
Philips CM8833 14" colour monitor - £280 (2.9.2)
Microvitec Cub 3000, 14" colour – £240(2.9.2)
Eizo 9060SZ 14" multi-sync colour £520 (3.7.2)
Eizo 9070\$Z 16" multi-sync colour + £880(3.10.2)
Oak 20" multi-sync colour - £1550(3.9.2)
Eizo 21" hi-res paper white $-£1050$ (3.9.2)
VIDC Enhancer • £35(3.10.21)
A3000 Monitor stand – £33
Long monitor lead with sound $-£15$ (3.12.2)
N*

A310/A440 Upgrades

Replacement Mouse £55(3.5.3)
Replacement 3.5" drive for 310 - £100(3.5.3)
2nd internal 3.5" drive -£122
• 2M / 310 (Comp'ware) –£360 (inc fitting)(3.10.47)
• 4M / 310 (Comp'ware) - £540 (inc fitting) (3.10.47)
2M / 310 (Protokote) – £370 (inc fitting) (3.10.47)
4M / 310 (Protokote) - £575 (inc fitting)(3.10.47)

MEMCIa upgrade for 310/440 £74(3.2.3)	Twin Editor - £29	Communications	Educational Programs
ARM3 – 30MHz (Watford) £460(3.10.11)	Wingpass Macro Assembler V2 - £47(2.8.41)	Acom – £28(3.10.11)	BookBinder (Musbury) – £50(3.4.2)
• ARM3 · 30MHz (Aleph One) – £520(3.10.11)	Word-Processors, DTP, etc	Arc-Comm – £31(2.10.2)	Craftshop 1 £33(3.9.35)
Econet module - £52	DTP from Acom – £145(2.12.41)	Hearsay – £59(1.12.22)	Craftshop 2 – £33(3.9.5)
Acorn 2-slot backplane (inc fan) – £42	First Word Plus 2 - £82 (Special offer £60)(3.4.40)	WS3000 V22bis modem £310(2.8.5)	Desk Top Stories £31(2.12.48)
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £66	First Word Plus Extended Dictionary – £7(2.8.30)	Amstrad SM2400 modem - £210(2.8.5)	DigiSim – £40(2.8.48)
Podules & External add-ons	First Fonts, Maths/Scientific £20(2.1.32)	Modern connecting lead – £12	Droom $-£20$ (1.7.42)
5.25" disc drive interface – £35	Graphic Writer £27(1.6.12)	-	Fun School 2 (under 6's) – £19(3.3.2)
A3000 User Port & Midi – £52	Impression DTP £155(3.2,59)	Utilities	Fun School 2 $(6-8's) - £19$ (3.3.2)
A3000 User & Analogue Ports (Morley) £72(3.6.2)	Inter-Word ROM £42(1,1,20)	Anonymouse Desktop Utils £12	Fun School 2 (over 8's) $-£19$ (3.3.2)
A3000 Ext 3.5" drive for A3000 £135(3.6.2)	Inter-Word disc – £30(1.1.20)	ArcDFS - £28(3.11.55 & 3.12.30)	Genesis – £85(3.4.25)
ROM Podule £53(1.7.44)	Keyword – £18(3.3.32)	Colour dump – Integrex – £25	Jiglet £30(3.11.3)
with battery backup - £63	Maps of the World – £28(3.7.3)	Colour dump – Canon – £25	Jigsaw £33(3.5.27)
32k RAM chips - £17	Ovation DTP – £105(3.12.23)	Colour dump – LC10 – £25(3.3.28 + 3.9.59)	Maps of the World – £28(3.7.3)
Atomwide prototyping boards(2.12.2)	SpellMaster ROM - £55(1.10.34)	DataStore Utilities Disc –£15(3.2.32)	Numerator – £70(2,12.46)
Bare board with V1.1 ROM - £27	SpellMaster disc £41(1.10.34)	DiscTree = £44(2.8.24)	PenDown (pre-release) £42(3.12.48)
Fully built with ROM – £38	Tempest DTP – £120(3.10.50)	FontFX £10(3.9.37)	• P,I,P,P, –£37,(3.12.51)
Fully built with RAM = £40	Wordwise Plus A (80 column) – £30(3.5.5)	Grey dumps (9-pin tone dump) $-£13$ (2.6.47)	Documentation
Floating Point Co-Processor – £635(3.6.3)	Wordwise Plus A (upgrade from BBC) £10(1.2.20)	Instigator – £45	A3000 Technical Manual £28(3.8.2)
I/O Podule – £88,(1.7.38)	1.5	Outline Font Starter Pack – $\mathcal{L}47$	
New software for I/O Podule £12(3.6.2)	Art / Drawing etc Packages	Outline Fonts "New Hall" : £47	Assembly Language Book – £14(1.11.39)
Joystick (Voltmace) – £25	ArclmEd - £23(1.12.42)	PC Emulator – £95 (Offer price £80)(1.5.24)	Assembly Language Disc + £8
Midi podule £74(3.2.26)	ArcPCB - £170(2,1,2)	Pro-Copier – £10	Archimedes First Steps - £9(3.6.17)
Midi podule upgrade software £15(3.6.2)	ArcPCB Professional £320(3.1.4)	RISC-OS upgrade - £36	BASIC V manual (Acom) £19(2.8.2)
Marconi Trackerball – £55	Artisan 2 - £55(3.5.53)	RISC-OS Companion - £50	BASIC V Dabhand Guide – £9(2.9.2)
ScanLight - £495(2.12.49)	Artisan 2 upgrade (return Artisan disc) – £28(3.5.53)	Software Developer's Toolbox – £175(2.3.2)	Guide to Acorn DTP (inc. disc) £17(3.4.55)
ScanLight Junior – £205	Atelier £85(2.12.46)	Timewatch – £28	Operating System Book -£14(2.6.45)
Colour Digitiser Hawk V9 £360(3.7.13)	Art Nouveau £42.50(2.6.17)	WIMP Template Editor £8(2.5.29)	Operating System Disc - £8(2.6.45)
	AutoSketch £79(1.7.3)	writer rempiate Editor to(2.3.49)	RISC-OS Prog Ref Manual – £75(3.1.53)
Deintour & Assessanian		Worre Plotter , £27 (3.3.3)	788 Dabhand Guide - C14 (3.9.57)
Printers & Accessories	Drawing Board £54(2.5.33)	Worra Plotter - £27(3.3.3)	Z88 Dabhand Guide - £14(3.9.57)
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54	Integrated Software	Games
Panasonic KXP1081 9-pin printer - £175 Panasonic KXP1124 24-pin printer - £275	Drawing Board £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3)	Integrated Software • Desktop Office £120(3.12.2)	Games Adventure Lang Prog System (ALPS) – £29(3.3.50)
Panasonic KXP1081 9-pin printer - £175 Panasonic KXP1124 24-pin printer - £275	Drawing Board £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19)	Integrated Software	Games
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4)	Integrated Software • Desktop Office £120(3.12.2)	Games Adventure Lang Prog System (ALPS) – £29(3.3.50)
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20)	Integrated Software	Games Adventure Lang Prog System (ALPS) = £29(3.3.50) Alerion : £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20) Inter-Chart disc £20 (1.1.20)	Integrated Software . Desktop Office £120	Games Adventure Lang Prog System (ALPS) = £29(3.3.50) Alerion : £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50)	Integrated Software	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion · £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) £93 (3.11.13)	Integrated Software	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion · £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) £93 (3.11.13) Presenter II £42 (1.11.46 + 3.3.23)	Integrated Software	Games Adventure Lang Prog System (ALPS) = £29(3.3.50) Alerion : £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board - £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20)	Integrated Software	Games Adventure Lang Prog System (ALPS) − £29(3.3.50) Alerion − £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board - £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19)	Integrated Software	Games Adventure Lang Prog System (ALPS) = £29(3.3.50) Alerion = £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board - £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46)	Integrated Software (3.12.2) Home Accounts	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion – £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) £93 (3.11.13) Presenter II £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan £85 (2.3.19) Realtime Solids Modeller £130 (2.10.46) Render Bender £69 (2.9.23)	Integrated Software (3.12.2) Home Accounts £46 (2.10.29) Logistix – £99 (1.9.31 + 1.10.4) PipeDream 3 – £145 (2.12.23) PipeDream 3 upgrade (from 2 only) £68 PipeDream 3 upgrade (from 2 + SpellCheck) - £37 PipeDream Extended Dictionary £7 (3.2.28) The Account Book (Apricote) - £26 (3.7.10) Personal Accounts (Apricote) - £26 (3.7.10) Personal Accounts (Apricote) - £23 (3.12.2) Spreadsheets & Databases	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion - £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) £93 (3.11.13) Presenter II £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan £85 (2.3.19) Realtime Solids Modeller £130 (2.10.46) Render Bender £69 (2.9.23) Snippet £30 (3.11.4)	Integrated Software (3.12.2) Home Accounts	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion – £14
Panasonic KXP1081 9-pin printer - £175	Drawing Board - £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3)	Integrated Software	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Panasonic KXP1081 9-pin printer - £175	Drawing Board - £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38)	Integrated Software	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23	Integrated Software	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion – £14
Panasonic KXP1081 9-pin printer £175	Drawing Board £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox £69 (2.8.4) Inter-Chart ROM £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) -£93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan £85 (2.3.19) Realtime Solids Modeller £130 (2.10.46) Render Bender £69 (2.9.23) Snippet £30 (3.11.4) Solid CAD £85 (2.5.3) Splice £25 (3.12.38) Super-Dump £23 (3.12.38) Tween £25 (3.12.38)	Integrated Software	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion - £14
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23 (3.12.38) Tween - £25 (3.12.38) • Worra-CAD £80 (initial offer price) (3.11.4)	Integrated Software	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion – £14
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23 (3.12.38) Tween - £25 (3.12.38) • Worra-CAD £80 (initial offer price) (3.11.4) Sound (Hardware & Software)	Integrated Software	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion – £14
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23 (3.12.38) Tween - £25 (3.12.38) • Worra-CAD £80 (initial offer price) (3.11.4) Sound (Hardware & Software) Armadeus - £70 (29.17)	Integrated Software	Games Adventure Lang Prog System (ALPS) – £29(3.3.50) Alerion – £14
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23 (3.12.38) Tween - £25 (3.12.38) • Worra-CAD £80 (initial offer price) (3.11.4) Sound (Hardware & Software) Armadeus - £70 (2.9.17) Armadeus sampler podule £140 (2.9.17)	Integrated Software	Games Adventure Lang Prog System (ALPS) = £29(3.3.50) Alerion ±14
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Euclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23 (3.12.38) Tween - £25 (3.12.38) • Worra-CAD £80 (initial offer price) (3.11.4) Sound (Hardware & Software) Armadeus - £70 (29.17)	Integrated Software	Games Adventure Lang Prog System (ALPS) = £29(3.3.50) Alerion £14
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23 (3.12.38) Tween - £25 (3.12.38) • Worra-CAD £80 (initial offer price) (3.11.4) Sound (Hardware & Software) Armadeus - £70 (2.9.17) Armadeus sampler podule £140 (2.9.17)	Integrated Software	Games Adventure Lang Prog System (ALPS) = £29
Panasonic KXP1081 9-pin printer £175	Drawing Board - £54 (2.5.33) Fuclid £60 (3.1.50) Film Maker £69 (2.6.3) GammaPlot £46 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc £20 (1.1.20) Mogul (for Euclid) £20 (3.1.50) Poster (with fonts) - £93 (3.11.13) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System £46 (2.7.20) Pro-Artisan - £85 (2.3.19) Realtime Solids Modeller - £130 (2.10.46) Render Bender - £69 (2.9.23) Snippet - £30 (3.11.4) Solid CAD - £85 (2.5.3) Splice - £25 (3.12.38) Super-Dump - £23 (3.12.38) Tween - £25 (3.12.38) • Worra-CAD £80 (initial offer price) (3.11.4) Sound (Hardware & Software) Armadeus - £70 (2.9.17) Armadeus sampler podule £140 (2.9.17)	Integrated Software	Games Adventure Lang Prog System (ALPS) = £29(3.3.50) Alerion £14

New ARM3 Archimedes computer!

At a Press Conference on Thursday 6th September, Acorn Computers gave details of their new ARM3 based Archimedes computer, the A540. The features are as follows:

- 30MHz, ARM3 processor (ram speed 12MHz)
- 4 Mbyte ram expandable to 16Mbytes by plug-in modules
- 100M byte SCSI drive as standard (18 ms access time)
- RISC-OS (Same version as current Archimedes)
- 13.5 MIPs
- · Runs standard VGA and SVGA monitors
- With PC Emulator it runs as fast as an AT

Price: £2995 + VAT (= £3444.25)

Availability: "At the end of September"

August Sales

We still have one or two items where we have excess stock that needs clearing.... (The ones in bold are new to the list this month.)

Hardware

- A540 We will match any price you can get anywhere else on the one we have left in stock.
- 20M A3000 WorraWinnie SCSI drive £365 (was £400)
- 80M A3000 WorraWinnie SCSI drive £590 (was £700)
- *80M A300/400 WorraWinnie SCSI drive £590 (was £700)
- 80M A300/400 Internal High Speed SCSI drive £590 (was £740)
- 40M A300/400 Internal SCSI High Speed drive £450 (was £530)

Software

- Hearsay £35 (was £60)
- Numerator £45 (was £80)
- Realtime Solids Modeller £99 (was £163)
- Artisan 2 £39 (was £56)
- U.I.M. £12 (was £28)
- Olympics £8 (was £19)
- PIPP £18 (was £38)
- Holed Out-£15 (was £19)
- Drop Ship £15 (was £19)
- Pysanki £12 (was £19)
- Inertia £15 (was £19)
- Man-at-Arms £15 (was £20)

Monthly Program Disc

The contents of the monthly program disc ...

Main items

Examples several example files related to the reviews of Pendown Fonts Disc (p43),

Arclight and Solid Render (p49), Scanlight Junior 256 (p25) and Tracer

(p37)

Pipeline various files related to Pipeline (p15)
Protext protext function keystrip file (p22)

Target target application to detect viruses (p12)

Extra bits

ArcScanIII latest magazine (v4), program disc (v4),

and pd disc indices

LBP4 Special Offer!!!

I have done a deal on LBP4 printers. The normal Archive price was £970 but now I can sell them at £875 each. AND with this you get a 1M upgrade for the printer (which retails at £299) FREE! All you need is an LBP4 interface (£380) and you have, for not a lot more than the cost of a 300 d.p.i, Laser Dricet (£1255 cf £1100), a 600 d.p.i. laser printer that will also run on a range of other computers.

A400/1 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Calling all chip extractors...

Please come in, your time is up! Would anyone who's borrowed a chip extractor in the last few months please return it as soon as possible. Thanks very much.

Duff Discs???

Apologies to all those who have recently received faulty discs from us. Hopefully we have now replaced all the offending discs. The hot weather seems to have increased copying errors - please bear with us while we treat the autoloader to ice-creams!

Bulletin Board Password

The password for the Archive bulletin board is 'speech' - phone 0603-745932.

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603–766592, Fax –764011)

Archive Members' Price List - August 1991

(All prices include VAT and UK carriage)

(Numbers in brackets refer to issues of Archive magazine.)

(* means either 'new product' or 'new price')

Shareware Discs Nº 0 to 26 & 30 to 40 - £3 each

Any 10 Shareware discs - £27

Careware Discs Nº 1 to 13 - £6 each

Prog. Disc Vol. 1 Issues 1-6 inc. on one disc -£3 Program Discs 1.7, 1.8, 1.9 etc -£3 each.....(3.8.2)

Volumes 1 to 4 program discs (43 discs) – £75

Volume 3 program discs (12) - £25

Volume 4 program discs (12) - £30

Archive back issues – £2 each.....

Binder volume 1, 2, 3 or 4 – £5 each(1.7.3)

Binders 1 to 4 - £17 for four

Preformatted discs = 10 for £45

Preformatted discs – 100 for £80

Archimedes A300/400 dust cover – £10

Archimedes A3000 dust cover – £10

Annual Service Kit (2 batteries + fan filter) - £3 Archive MUGS - £4 each, 4 for £12.....

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.

A300/400 SCSI hard disc podule - £230

New software for SCSI podules - £12(4.7.9)

WorraWinnie SCSI Drives for 300/400.....(4.7.9)

• 20M internal drive + podule - £345

• 45M internal drive + podule - £430

• 80M internal drive + podule - £535

•100M internal drive + podule - £640

•200M internal drive + podule - £985

• 20M external drive + podule - £395

• 45M external drive + podule - £500

• 80M external drive + podule - £615

•100M external drive + podule - £730

•200M external drive + podule - £1030

High Speed SCSI Drives for 300/400(4.7.9)

• 50M internal drive + podule - £480

•100M internal drive + podule - £680

•200M internal drive + podule - £1050

• 50M external drive + podule - £600

•100M external drive + podule - £800 •200M external drive + podule - £1200

Oak ELITE SCSI Drives for 300/400(4.7.9)

• 50M external drive + podule - £790

•100M external drive + podule - £990

•200M external drive + podule - £1350

•300M external drive + podule - £1900

•640M external drive + podule - £2500

A3000 WorraWinnie external drives

٠	20M	external	drive +	podule –	£395	(4.3.15)
•	45M	external	drive +	podule -	£500	(4.4.2)

- 80M external drive + podule £615(4.4.2)
- •100M external drive + podule £730
- •200M external drive + podule £1030

A3000 SCSI hard disc podule - £230

ClassROM System for Econet

Management software - £160	(4.10.3)
20MClassROM unit - £395	(4.10.3)
45MClassROM unit - £500	(4.10.3)
80M ClassROM unit - £615	(4.10.3)

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £555(4.1.47)
External 42M +Oak A300/400 podule – £755
External 42M +Oak A3000 ext podule – £755
External 42M +Lingenuity A3000 int podule – £735
Extra 42M cartridges – £75

Atomwide Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £555(4.7.12)
External 42M +Oak A300/400 podule – £755
External 42M +Oak A3000 ext podule – £755
External 42M +Lingenuity A3000 int podule – £735
Extra 42M cartridges – £75

Atomwide SCSI Hard Drives (<17 ms)

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £220 Internal 40M (28ms) drive for A400 series – £340 Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier

50-disc copier, software & leads – £2750 (4.2.2, 4.4.2) Lixtra 5¼" drive – £320

A400 / 500 Computers & Upgrades A410 - £1290 (inc £100 Archive voucher)	Podules & External add-ons
A420 Learning Curve – £1520 (+ £100 voucher)	5.25" drive interface (CJ Micros) – £36
A440 equivalent - £1840 (+ £100 voucher)	5.25" drive interface (Digital Svcs) – £39(4.1.2)
A540 - £3520 (+ £200 voucher)	ROM Podule – £54(1.7.44)
4M Ram card for A540 - £540	with battery backup – £64
Ram for A410 - £50 per Mb (+ £10 if fitting req'd)	32k RAM chips – £16
Single RAM chips (in case you damage one!) - £7	Atomwide prototyping boards(4.4.46)
ARM3 – 24MHz (Aleph One) – £420(4.1.13)	Bare board with V1.3 ROM - £33
ARM3 - 25MHz (CJE Micros) - £400(4.1.3)	Fully built with ROM – £44
Fan Quietener (A400 only) – £21(4.5.2)	Fully built with RAM - £50
Econet module - £53	Colour Digitiser Hawk V9 – £368(3.7.13)
Replacement keyboard for 400/1 - £123	
Replacement 3.5" drive for $400/1 - £72$ (3.5.3)	Ethernet Card – £276(4.1.2) Floating Point Co-Processor – £580(4.2.43)
	GT4000 colour flatbed scanner – £1955(4.10.2)
A3000 Computers & Upgrades	GT4000 scanner interface only $-$ £660(4.10.2)
A3000 computer - £695 (inc £50 free s/ware)	I/O Podule – £90(1.7.38)
A3000 Special Access – £798(4.10.2)	New software for I/O Podule – £12(3.6.2)
A3000 Special Access + monitor - £1056(4.10.2)	Joystick (Voltmace) – £26
1 Mb A3000 upgrade (Morley) – £82(3.3.3/3.6.2)	Joystick/switch - £19(4.1.4)
3 Mb A3000 upgrade (Morley) = £245(3.3.3/3.6.2)	Midi podule – £76(3.2.26)
1 Mb A3000 upgrade (Atomwide) $-$ £82(3.10.2)	Midi podule upgrade software – £16(3.6.2)
3 Mb A3000 upgrade (Atomwide) - £280(3.10.2)	Marconi Trackerball – £56
A3000 Econet Module – £53	ScanLight Plus (A4) – £434(2.12.49)
A3000 Serial upgrade – £21	Sheet feeder for Scanlight Plus – £107
A3000 User Port & Midi – £53	ScanLight Plus Junior – £209
Midi upgrade software $-£10$ (3.6.2)	ScanLight Plus Junior A3000 – £209
A3000 User & Analogue Ports (Morley) – £74 (3.6.2)	ScanLight Plus Junior 256 - £245
A3000 Ext 3.5" drive for A3000 - £138(3.6.2)	ScanLight Plus Junior 256 A3000 - £245
SCSI podule for A3000 (Lingenuity) - £170	SCSI podule for A300/A400 (Acorn) – £276
SCSI podule for A3000 (Oak) - £230	SCSI podule for A300/A400 (Lingenuity) - £189
	SCSI podule for A300/A400 (Oak) - £230
Monitors & Accessories	
Acorn (Philips) monitor – £255	Connectors & Cables
Acorn (Philips) monitor – £255	Connectors & Cables Keyboard extension cable – £8
Acorn (Philips) monitor - £255(2.9.2) Philips CM8833 14" monitor - £285(2.9.2) Eizo 9060SZ 14" multi-sync - £530(3.7.2)	Connectors & Cables Keyboard extension cable – £8 Modem connecting lead – £12
Acorn (Philips) monitor - £255(2.9.2) Philips CM8833 14" monitor - £285(2.9.2) Eizo 9060SZ 14" multi-sync - £530(3.7.2) Taxan 795 14" Trinitron m-sync - £600(4.1.6 + 21)	Connectors & Cables Keyboard extension cable – £8 Modem connecting lead – £12 Printer cable (Centronics) – £10
Acorn (Philips) monitor - £255(2.9.2) Philips CM8833 14" monitor - £285(2.9.2) Eizo 9060SZ 14" multi-sync - £530(3.7.2) Taxan 795 14" Trinitron m-sync - £600(4.1.6 + 21) Eizo 9070SZ 16" multi-sync - £900(3.10.2)	Connectors & Cables Keyboard extension cable – £8 Modem connecting lead – £12 Printer cable (Centronics) – £10 SCSI cable IDC to Amphenol – £16
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable - £8
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable – £8 Modem connecting lead – £12 Printer cable (Centronics) – £10 SCSI cable IDC to Amphenol – £16
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable - £8
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable – £8 Modem connecting lead – £12 Printer cable (Centronics) – £10 SCSI cable IDC to Amphenol – £16
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCSI cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor $-£255$	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor $-£255$	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCSI cable IDC to Amphenol $- £16$
Acorn (Philips) monitor $-£255$	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor $-£255$	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$
Acorn (Philips) monitor - £255	Connectors & Cables Keyboard extension cable $- £8$ Modem connecting lead $- £12$ Printer cable (Centronics) $- £10$ SCS1 cable IDC to Amphenol $- £16$

I,F,E,L, 4-layer 4-slot backplane (inc fan) - £67

Podules & External add-on	S
5.25" drive interface (CJ Micros) - £36	/ t 1 A)
5.25" drive interface (Digital Svcs) - £39	(4,1,2)
ROM Podule – £54	(1,1.44)
with battery backup - £64	
32k RAM chips - £16	
Atomwide prototyping boardsBare board with V1.3 ROM – £33	(4.4.46)
Bare board with V1.3 ROM – £33	
Fully built with ROM - £44	
Fully built with RAM - £50	
APEC utilities disc - £5	
Colour Digitiser Hawk V9 – £368	
Ethernet Card – £276 ,, Ethernet Card – £276 ,	(4.1.2)
Floating Point Co-Processor - £580	(4.2.43)
GT4000 colour flatbed scanner - £1955	(4.10.2)
GT4000 scanner interface only - £660	(4.10.2)
I/O Podule – £90	(1.7.38)
New software for I/O Podule - £12	(3.6.2)
Joystick (Voltmace) - £26	
Joystick/switch - £19	(4,1,4)
Midi podule – £76	(3.2.26)
Midi podule upgrade software - £16	(3.6.2)
Marconi Trackerball – £56	
ScanLight Plus (A4) - £434	(2.12.49)
Sheet feeder for Scanlight Plus - £107	
ScanLight Plus Junior – £209	
ScanLight Plus Junior A3000 - £209	
ScanLight Plus Junior 256 - £245	
ScanLight Plus Junior 256 A3000 – £245	
SCSI podule for A300/A400 (Acorn) – £276	
SCSI podule for A300/A400 (Lingenuity) -	
SCSI podule for A300/A400 (Carle narry) SCSI podule for A300/A400 (Oak) – £230	£107
5C51 poddie for A300/A400 (Oak) - £230	
Connectors & Cables	
Keyboard extension cable - £8	
Modem connecting lead - £12	
Printer cable (Centronics) - £10	····
SCSI cable IDC to Amphenol - £16	(4.7.12)
SCSI cable D-type to Amphenol - £16	(4.7.12)
SCSI cable Amphenol to Amphenol - £16	(4.7.12)
SCSI cable IDC to IDC - £16	(4.7.12)
Printers & Accessories	
• DeskJet 500 - £395	(4.11.2)
Panasonic KXP1081 9-pin printer - £158	
Panasonic KXP1124i 24-pin printer - £299	***********
Ribbons for KXP1124 - £11 each	
Centronics Printer cable – £10	

Documentation (continued)			
Assembly Language Disc - £9			
Archimedes First Steps - £9	(3.6.17)		
BASIC V manual (Acorn) - £19	(2.8.2)		
BASIC V Dabhand Guide - £9	(2.9.2)		
C Dabhand Guide - £14 (being reprinted)	(2.1.28)		
C Guide Disc - £9	.,,		
DTP Seeds - £8 ,			
Guide to Acorn DTP (inc. disc) - £18			
Operating System Book -£14	(2,6,45)		
Operating System Disc – £9	(2.6.45)		
RISC-OS Prog Ref Manual - £75	(3 1 53)		
Z88 Dabhand Guide – £14	(3.9.57)		
	(3.3.57)		
Games			
3D Chess – £19	(4.9.2)		
Adventure Lang Prog System (ALPS) - £33.			
Alerion – £15			
Alien Invasion - £15	.(3.12.20)		
All-in Boxing - £15	(3.1.4)		
Apocalypse – £29	.(3.10.42)		
Arcade 3 Compilation – £14			
Arcade Soccer – £19			
Arcendium – £15			
Arc Trivia – £24			
ArePinball – £24			
Ballarena – £19			
Blowpipe - £20			
Boogie Buggy – £23	(4.9.2)		
Bug Hunter/MoonDash - £18	(3.10.26)		
Bug Hunter in Space - £18			
Caverns - £18	(3.5.2)		
Cheat it again, Archie - £11	(2.7.55)		
Chocks Away 2 – £24	(4.4.40)		
Chocks Away Extra Missions - £19	(4.9.2)		
Cops (Adventure) - £19	(3.7.48)		
Creator (for Arcade Games) - £36	(4.10.3)		
Crisis - £28	(4.3.2)		
Drop Ship - £19	(4.4.52)		
Enthar-7 – £27			
E-Type – £19	(3.2.49)		
E-Type Designer – £17			
E-Type Extra 100 miles – £17	(3.3.2)		
Family Favourites – £19			
Fireball II – £24			
• Fine Racer – £18			
Freddy's Folly - £15			
Herewith the Clues! – £24			
Holed Out – £19	(2.9.38)		
Holed Out Extra Coures 1 - £17			
Holed Out Extra Coures 2 - £17	(2,10.5)		
Holed Out Designer - £19	(3.9.60)		
Hostages - £20	(4.4.16)		
Hoverbod - £15	(1,10.47)		
Ibix the Viking – £19	(3.1.45)		
1011 HO 1 3000 00 1	, /		
			

nertia – £19	,(3.12.43)
nterdictor 2 – £33	(4.2,17)
ron Lord – £19	
et Fighter £15	(2.3.2)
ast Days of Doom/Hezarin - £19	(3.7.3)
Maddingly Hall — £15	
Mad Professor Mariarti + £19	(4,5.3)
Mah Jong Patience – £19	
Man at Arms – £20	(3.11.58)
Memory Magic – £16	(3.11.3)
MicroDrive -£19	(3.11.3)
MicroDrive Extra Courses - £15	(4.3.3)
MiG29 – £38	
Vinotaur – £15	(1.3.34)
Minotaur – £15 Missile Control – £15	(1.10.47)
Verron - f19	(4.1.53)
Nevryon - £19 Olympics - £20	(3.9.58)
Orion — £15	(2 1 45)
PipeMania – £24	(4 4 7)
Plague Planet – £15	(2.10.48)
Dawarhand £24	(4.7.24)
Powerband – £24 Pysanki – £19	(4.4.52)
Quazer - £11	(1.10.47)
Redshift – £18	(1,10,47) (2,10,2)
Repton 3 – £19	(3,14,3) (2,2,1)
Repton 3 – L19	(4.3.4) (7.7.77)
Return to Doom - £20	(4.7.67)
KOIOF = 1.24	(5.7.3) (4.11.2)
• Saloon Cars – £23	(4.11.3) (4.5.4)
Square Route - £19	(4.3.4)
Star Trader - £17 Superior Golf - £19 Talisman - £15	(2.3.31)
Superior Golf – £19	(3,12,19)
Talisman - £15	(4.3.30)
The WIMP Game – £19	
Thundermonk – £15	(2.5.3)
Trivial Pursuít – £28	.,,.,.(3.6.41)
Twinworld – £19	
U.I.M. – £29	,,,,,(3.7.21)
Ultrasonic sound system for Creator - £28	
Wonderland - £32	(4.10.4)
WordUpWordDown - £17	(2.5.31)
Worldscape – £20	(4.5.4)
Zarch – £19	(1.2.33)
Z88 288 Computer – £235	
Z88 Computer – £235	
128k RAM pack – £50 128k EPROM pack – £50	
128k EPROM pack - £50	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
EPROM eraser – £40	***************
A = 1, t = - 4 = -1t = 1	

Carrying case – £10.....

Mains Adaptor - £10

	Mailshot - £38(2.6.27)
Utilities	Matrix 3 – £91(1.11.2)
ArcDFS - £29(3.11.55 + $3.12.30 + 4.1.48$)	Multistore II – £255(3.4.33 / 3.6.46)
Archway2 – £92(4.5.2)	Reporter $-£38$ (2.6.27)
ArcMonitor – £29(4.4.2)	Schema – £112(4.1.5 + 4.9.27)
Broadcast Loader (Econet) – £75(4.9.2)	SigmaSheet - £47(1,11,52 + 1,9.28)
CIS Utilities (inc Pro-Copier) – £17(4.3.2)	System Delta-Plus II – £71(2.5.3)
Colour dump – Canon – £26	System Delta-Pius Reference Manual – £28
Colour dump - Integrex - £26	
Colour dump – LC10 – £26(3.3.28 + 3.9.59)	Educational Programs
DataStore Utilities Disc Nº1 – £15(3.2.32)	Amazing Ollie (age: $4+$) – £16(4.2.2)
DataStore Utilities Disc Nº2 – £15(4.6.2)	Astro (Astronomy programs) $-$ £21(4.2.2)
DiscTree - £45(2.8.24)	BookBinder (Musbury) - £50(4.6.56)
FontFX - £10(3.9.37)	Coffee (age: $9 - 15$) – £33(4.2.2)
Grey dumps (9-pin tone dump) - £13(2.6.47)	Concept Designer – £26(4.10.38)
Instigator – £46(2.10.5)	Craftshop 1 – £34(3.9.35)
Investigator II – £27(4.5.3)	Craftshop 2 – £34(3.9.5)
Outline Font Starter Pack – £48(3.5.3)	Desktop Folio – £97(4.5.2)
Outline Fonts 'Newhall' - £48(3.5.3)	Desk Top Stories – £39(2.12.48)
PC Emulator – £96(1.5,24)	DigiSim – £41(2.8.48)
RISC-OS upgrade – £37(2.7.20)	Droom – £26(1.7.42)
RISC-OS Companion – £51(2.12.51)	Dust – £33(4.1.3)
Software Developer's Toolbox – £179(2.3.2)	Flight Path (age: 9+) - £33(4.6.2)
TCP/IP Protocol Suite - £199(4.2.3)	Freddy Teddy – £21(4.4.2)
TCP/IP Protocol Suite Site Licence – £1020(4.2.3)	Freddy Teddy's Adventure - £21(4.4.2)
TCP/IP Programmers Pack – £49(4.2.3)	Fun School 2 (age: under 6's) - £20(4.2.59)
Timewatch – £29(3.2.28)	Fun School 2 (age: 6 - 8's) - £20(4.2.59)
Toolkit Plus – £43(2.2.32)	Fun School 2 (age: 8+) – £20(4.2.59)
WIMP Template Editor + £8(2.5.29)	Gate Array Design/Teaching - £135(4.1.3)
Worra Plotter - £28(3.3.3)	Genesis II – £135(4.3.3)
Integrated Software	Geoscan Database – £39(4.2.51)
Desktop Office – £125(4.1.40 + 4.2.55)	Giant Killer Maths Adventure – £19(4.5.3)
Home Accounts – £47(2.10.29)	Giant Killer Support Disc – £17(4.5.3)
Minerva Business Accounts - £360(4.1.3)	HoneyPot - £48(4.6.60)
Minerva Nominal Ledger – £92(4.1.3)	House of Numbers – £24(4.9.3)
Minerya Ordering/Invoicing - £92(4.1.3)	Figure 624 (4.4.30 + 4.5.17)
Minerva Purchase Ledger - £92(4.1.3)	Jigsaw - £34
Minerva Sales Ledger – £92(4.1.3)	Landmarks (Egypt) – £21(4.8.29)
Minerva Stock Management – £92(4.1.3)	Landmarks (2nd World War) - £21(4.8.29)
Office Tools - £325(4.1.4)	Logotron Logo - £65(1.11.50)
Personal Accounts (Apricote) - £28(4.2.53)	Magpie multi-media – £58(4.5.3) Maps of the World – £27(4.1.54)
PipeDream 3 – £148(2.12.23)	Mental Maths $-$ £19(4.1.34)
PipeDream Extended Dictionary – £8(3.2,28)	Numerator – £80(2.12.46)
ShareHolder – £135(4.1.5)	Ollie Octopus Sketchpad (age: 4+) - £16(4.2.3)
The Account Book (Apricote) - £33(4.2.53)	Order & Chaos (for Numerator) – £18(4.2.5)
The Invoice Program (Apricote) – £33(4.2.53)	PenDown - £58(3.12.48/4,1.42/4.6.54)
Spreadsheets & Databases	PenDown Outline Fonts Disc - £19(4.9.3)
Alphabase - £43(2.5.37)	P.I.P.P. – £38(3.12.51)
Ancestry – £71(2.8.43)	RiscType V2 – £19(4.3.3)
Arcscan III Database – £18(4.8.21)	RoboLOGO – £92(4.4.54)
DataVision - £135(4.1.3)	Tiny Logo + Tiny Draw - £32(4.3.59)
Financial Accountant – £250(4.1.3)	
Flexifile - £135(4.1.5)	Documentation
Inter-Sheet disc – £31(1.1.20)	A3000 Technical Manual - £28(3.8.2)
Inter-Sheet ROM – £43(1.1.20)	A540 Technical Manual – £65
Knowledge Organiser – £56(3.9.54)	Assembly Language Book - £14(1,11,39)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	•

Printers (continued)	Art / Drawing etc Package	98
Laser Direct (Qume) 300 dpi - £1100(3.12.6)	ArcImEd – £24	
Qume toner set - £77(4.1.4)	ArcLight - £47	
Qume drum set – £97(4.1.4)	ArcPCB - £163	(2.1.2)
A4 paper tray (Qume) - £66(4.10.2)	ArcPCB Professional - £327	
	Artisan 2 – £56	
Languages	Art Nouveau – £42.50	
ABC-2 BASIC Compiler - £91(2.5.16)	Atelier – £87	
ABC Dynamic Extensions – £46(3.1.2)	AutoSketch - £81	
Acorn Assembler – £199(3.4.51)	Drawing Board - £55	
Adventure Lang Prog System (ALPS) – £33(3.3.50)	Euclid - £61	(3.1.50)
ANSI-C (Release 3) - £148	Film Maker – £92	
Cambridge Pascal - £72(3.4.27)	GammaPlot – £47	
C Front End – £19(3.4.49) Creator (for Arcade Games) – £36(4.10.3)	GraphBox - £71	
Ultrasonic sound system for Creator $-£28$ (4.10.3)	Imagine - £37	
	Inter-Chart ROM - £28	
Fortran 77 (Rel. 2) $-$ £99(1.7.26) Iso-Pascal (Rel. 2) $-$ £99(1.9.24 + 1.11.14)	Inter-Chart disc – £21	
Logotron Logo – £65(1.1.50)	Mogul (for Euclid) - £21	
Risc BASIC Compiler – £135(2.9.32)	Poster (with fonts) -£95	(3.11.13)
Risc Forth - £135(2.9.32)	Presenter II – £43(1.11.4	46 + 3.3.23)
RobeLOGO - £92(4.1.5)	Presenter II with Hotlinks - £50	(3.10.3)
	Presentation System - £47	(2.7,20)
Twin Editor - £30	PrimeArt – £87	
Wingpass Macio Assembler V2 - 146(2.6.41)	Pro-Artisan – £87	
Word-Processors & DTP	Realtime Solids Modeller - £163	
DTP from Acorn - £148(2.12.41)	Render Bender - £71	(2.9.23)
Easiword – £37(3.9.2)	Revelation image processor - £82	
Equasor – £53(4.6.47)	Snippet – £3!	
Expression PS (for Impression) $-$ £22(4.5.3)	Solid CAD - £135	
First Word Plus 2 – £84(3.4.40)	Solids Render – £135	
First Word Plus Extended Dictionary -£7(2.8.30)	Solid Tools – £327	
First Fonts, Maths/Scientific - £21(2.1.32)	Splice - £26	
Graphic Writer - £28(1.6.12)	Super-Dump - £29	
Impression 2 DTP – £180(4.5.49)	Super-Plot – £38	
Impression Business Supplement – £53(4.10.3)	Tracer (Midnight Graphics) - £57	
Impression Dongle Dangle - £6(4.5.3)	Tween - £26	
Impression Junior – £91(3.2.59)	Worra-CAD – £82	(3.11.4)
Inter-Word ROM – £43(1.1.20)	Sound (Hardware & Software	are)
Inter-Word disc – £31,(1.1.20)	Acorn Midi podule – £76	
Ovation DTP - £107(3.12.23)	ARCticulate - £23	
Protext $5.0 - £138(4.10.58)$	Armadeus - £72	(2.9.17)
ShowPage - £153(4.5.4 + 4.9.45)	Armadeus sampler podule - £145	
SpellMaster ROM - £56(1.10.34)	Arc Recorder – £33	
SpellMaster disc - £42(1.10.34)	Rhapsody II - £57	
Tempest DTP - £123(3.10.50)	Speech! - £19	(4,9,47)
Wordwise Plus A (80 column) - £31(3.5.5)	Supersound Creations -£18	(4.3.4)
Wordwise Plus A (upgrade from BBC) – £10 (1.2.20)	Tracker - £47	
Graphics & Clipart	UltraSonic Sound System - £28	
Children's pictures – £19(4.7.2)	•	
History (Costume) Graphics Pack – £19(4.7.39)	Communications Acom – £29	(A 2 AM
Maps of the World – £27(4.1.54)	Arc-Comm 2 – £59	
Pre-Historic Animals – £19(4.7.39)	ArcTerm 7 – £77	
Tools – £27(4.7.38)		
World Wildlife Pack – £19(4.7.39)	Hearsay – £60 WS3000 V22bis modem – £320	<i>ርት ጨዲት ፤ .</i> ረን ወ ኖኒ
	Modem connecting lead - £13	
	whose in connecting read - 115	

July Sales

We still have one or two items where we have excess stock that needs clearing.... (The ones in **bold** are new to the list this month.)

Hardware

- A3000 Learning Curve for the price of an A3000 £695 (was £817) (one only)
- A420 Learning Curve for the price of an A410 £1290 (was £1520) (one only)
- A300/400 40M internal SCS1 High Speed drive £490 (was £530)

Software

- Hearsay £35 (was £60)
- Numerator £45 (was £80)
- · Realtime Solids Modeller £99 (was £163)
- Artisan 2 £39 (was £56)
- U.I.M. £12 (was £28)
- Olympics £8 (was £19)
- PIPP £18 (was £38)
- Holed Out-£15 (was £19)
- Drop Ship £15 (was £19)
- Pysanki £12 (was £19)
- Inertia £15 (was £19)
- Man-at-Arms £15 (was £20)

Monthly Program Disc

The contents of the monthly program disc...

Main items

Jpdate	update of C	y Booker's	C>>Impress

application (4.8 p19)

FontEd outline font editor and an example pd font

(p55)

Hints programs to accompany the 'how long is

a line?' hint (p7)

Pipeline various files (compressed) related to

Pipeline (p32)

RiscOs !Ultimate app described in 'Developing a

RISC OS Ulitity' (p52)

Extra bits

!IVSearch 'Icon' virus killer

arcscan Archive (vol 4) and Arcscan3 files for

various clip art

multistore multistore database file of the UK STD

codes

1stWord+ HP DeskJet 500 printer drivers omitted

from the 4.9 disc

ArcScanIII latest magazine (v4), program disc (v4),

and pd disc indices

20" Microvitec monitor £400 off!

We've made a special "end of year clearance" purchase from Microvitec of their 20" monitors. I could only afford to buy one because of the cash flow, but that one is available to the first buyer with £1050 available. The normal Archive discount price is £1450. If you are interested, give us a ring – first come first served.

This is the type of monitor that I have been using for DTP'ing the magazine and although it is physically rather large, it is the best colour monitor I have seen for use on the Archimedes with DTP.

LBP4 Special Offer!!!

I have got hold of two LBP4 printers at a special end of year price. The normal Archive price is £970 but I can sell these two at £890 each. AND they also include a 1M upgrade for the printer and a paper feed tray (which retail at £299 and £99 respectively) FREE! All you need is an LBP4 interface (£380) and you have, for slightly more than the cost of a 300 d.p.i. Laser Driect (£1170 cf £1100), a 600 d.p.i. laser printer that will also run on a range of other computers.

A400/1 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Bulletin Board Password

The password for the Archive bulletin board is 'speech' - phone 0603-745932.

Saloon Cars is here!

Just arrived! - 4th Dimension's racing simulator - £23,

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603–766592, Fax –764011)

Archive Members' Price List - July 1991

(All prices include VAT and UK carriage) (Numbers in brackets refer to issues of Archive magazine.)
(* means either 'new product' or 'new price')
Shareware Discs Nº 0 to 26 & 30 to $40 - £3$ each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 13 - £6 each
Prog. Disc Vol. 1 Issues $1 - 6$ inc. on one disc $- £3$
Program Discs 1.7, 1.8, 1.9 etc – £3 each(3.8,2)
Volumes 1 to 4 program discs (43 discs) $-$ £75
Volume 3 program discs (12) – £25
Volume 4 program discs (12) − £30
Archive back issues – £2 each
Binder volume 1, 2, 3 or $4 - £5$ each(1.7.3)
Binders 1 to $4 - £17$ for four
3.5" Discs, top quality – 10 for £13, 50 for £60
Preformatted discs – 10 for £10
Preformatted discs – 50 for £45
Preformatted discs – 100 for £80
Archimedes A300/400 dust cover - £10
Archimedes A3000 dust cover - £10
Annual Service Kit (2 batteries + fan filter) - £3
Oak COOLULING Duisses

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.

eminate a pounte.				
A300/400 SCSI hard disc podule - £230				
New software for SCSI podules – £12(4,7.9)				
WorraWinnie SCSI Drives for 300/400(4.7.9)				
20M internal drive + podule - £350				
45M internal drive + podule - £450				
80M internal drive + podule - £650				
100M internal drive + podule − £860				
200M internal drive + podule − £1270				
20M external drive + podule - £400				
45M external drive + podule - £500				

80M external drive + podule - £700 100M external drive + podule - £910

200M external drive + podule - £1320

High Speed SCSI Drives for 300/400(4.7.9) 40M internal drive + podule - £530

80M internal drive + podule - £740 100M internal drive + podule - £1040

200M internal drive + podule - £1550 40M external drive + podule - £740

80M external drive + podule - £940

100M external drive + podule - £1250 200M external drive + podule - £1760

Oak ELITE SCSI Drives for 300/400(4.7.9) 40M external drive + podule - £880

80M external drive + podule - £1240

100M external drive + podule - £1450 200M external drive + podule - £1820

640M	external drive + podule - £3080	
A3000	WorraWinnie external drives	
20M	external drive + podule $-£400$.	(4,3,15)
45M	external drive + podule - £500	(4,4.2)
80M	external drive + podule - £700	(4.4.2)
100M	external drive + podule - £910	
200 M	external drive + podule - £1320	
A3000	SCSI hard disc podule – £230	
	ClassROM System for E	conet

300M external drive + podule ~ £2470

•	Мапа	agement software - £160	(4.10.3)
•	20M	ClassROM unit - £395	(4.10,3)
•	45M	ClassROM unit - £495	(4.10.3)
		ClassROM unit - £595	

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) - £555(4.1.47)
External 42M +Oak A300/400 podule - £755
External 42M +Oak A3000 ext podule - £755
External 42M +Lingenuity A3000 int podule - £735
Extra 42M cartridges - £75

Atomwide Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) - £555(4.7.12)
External 42M +Oak A300/400 podule - £755
External 42M +Oak A3000 ext podule - £755
External 42M +Lingenuity A3000 int podule - £735
Extra 42M cartridges - £75

Atomwide SCSI Hard Drives (<17 ms)

(Prices include cables – specify podule type)
Internal 48M (w/o podule) – £330(4.7.10)
External 48M (w/o podule) – £420
Internal 48M (Oak podule) – £530
External 48M (Oak podule) – £620
External 48M (Oak A3000 ext podule) – £620
External 48M (Lingenuity A3000 int podule) – £600
Internal 100M (w/o podule) – £540(4.7.10)
External 100M (W/o podule) – £640
Internal 100M (Oak podule) – £740
External 100M (Oak podule) – £840
External 100M (Oak A3000 ext podule) – £840
External 100M (Lingenuity A3000 int podule) – £820

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £220 Internal 40M (28ms) drive for A400 series – £340 Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier

50-disc copier, software & leads - £2750 (4.2.2, 4.4.2) Extra 5'4" drive - £320

		Documentation (continued)	Hoverbod -£15(1.10.47)
A400 / 500 Computers & Upgrades	Podules & External add-ons	Assembly Language Disc – £9	Ibix the Viking – £19(3, i.45)
A410 - £1290 (inc £100 Archive voucher)	5.25" drive interface (Cf Micros) – £36	Archimedes First Steps - £9(3.6.17)	Inertia – £19(3.12.43)
A420 Learning Curve - £1520 (+ £100 voucher)	5,25" drive interface (Digital Svcs) – £39(4.1.2)	BASIC V manual (Acom) –£19(2.8.2)	Interdictor 2 – £33(4.2.17)
A440 equivalent - £1840 (+ £100 voucher)	ROM Podule - £54(1.7.44)	BASIC V Dabhand Guide – £9(2.9.2)	Iron Lord - £19(4.5.3)
A540 - £3520 (+ £200 voucher)	with battery backup - £64	C Dabhand Guide – £14 (being reprinted)(2.1.28)	Jet Fighter – £15(2.3.2)
4M Ram card for A540 - £540	32k RAM chips – £16	C Guide Disc -£9	Last Days of Doom/Hezarin - £19(3.7.3)
Ram for A410 - £50 per Mb (+ £10 if fitting req'd)	Atomwide prototyping boards(4.4.46)	DTP Seeds - £8(4.9.36)	Maddingly Hall – £15(4.9.60)
Single RAM chips (in case you damage one!) - £7	Bare board with V1.3 ROM - £33	Guide to Acorn DTP (inc. disc) – £18(3.4.55)	Mad Professor Mariarti – £19(4.5.3)
• ARM3 – 24MHz (Aleph One) – £420(4.1.13)	Fully built with ROM - £44	Operating System Book – £14(2.6.45)	Mah Jong Patience - £19(4.3.3)
ARM3 – 25MHz (CJE Micros) – £400(4.1.3)	Fully built with RAM - £50	Operating System Disc - £9(2.6.45)	Man at Arms – £20(3.11.58)
Fan Quietener (A400 only) - £21(4.5.2)	APEC utilities disc - £5	RISC-OS Prog Ref Manual – £75(3.1.53)	Memory Magic – £16(3.11.3)
Econet module – £53	Colour Digitiser Hawk V9 - £368(3.7.13)	Z88 Dabhand Guide – £14(3.9.57)	MicroDrive $-$ £19(3.11.3)
Replacement keyboard for 400/1 – £123	Ethernet Card – £276(4.1.2)		MicroDrive Extra Courses - £15(4.3.3)
Replacement 3.5" drive for 400/1 – £72(3.5.3)	Floating Point Co-Processor - £580(4.2.43)	Games	• MiG29 – £37(4.10.24)
•	 GT4000 colour flatbed scanner – £1955(4.10.2) 	3D Chess – £19(4.9.2)	MiniPack5 - Fireball II + Fish + Pon - £28(3.5.41)
A3000 Computers & Upgrades	 GT4000 scanner interface only – £660(4.10.2) 	Adventure Lang Prog System (ALPS) - £33(3.3.50)	Minotaur – £15(1.3.34)
A3000 computer - £695 (inc £50 free s/ware)	I/O Podule – £90(1.7,38)	Alerion – £15(2,1.45)	Missile Control - £15(1,10.47)
A3000 Learning Curve – £817	New software for I/O Podule - £12(3.6.2)	Alien Invasion – £15(3.12.20)	Nevryon – £19(4.1.53)
• A3000 Special Access – £798(4.10.2)	Joystick (Voltmace) - £26	All-in Boxing – £15(3.1.4)	Olympics $-£20$ (3.9.58)
• A3000 Special Access + monitor - £1056(4.10.2)	Joystick/switch - £19(4.1.4)	Apocalypse – £29(3.10.42)	Orion - £15(2.1.45)
1 Mb A3000 upgrade (Morley) – £82(3.3.3/3.6.2)	Midi podule – £76(3.2.26)	Arcade 3 Compilation - £14(3.1.44)	PipeMania – £24(4.4.7)
3 Mb A3000 upgrade (Morley) - £245(3.3.3/3.6.2)	Midi podule upgrade software – £16(3.6.2)	Arcade Soccer – £19(3.10.35)	Plague Planet - £15(2.10.48)
1 Mb A3000 upgrade (Atomwide) – £82(3.10.2)	Marconi Trackerball – £56	Arcendium - £15(2.5.2)	Powerband – £24(4.7.24)
3 Mb A3000 upgrade (Atomwide) – £280(3.10.2)	ScanLight Plus (A4) – £434(2.12.49)	Arc Trivia – £24(2.7.52)	Pysanki – £19(4.4.52)
A3000 Econet Module – £53	Sheet feeder for Scanlight Plus - £107	ArcPinball – £24(4.5.2)	Quazer - £11(1.10.47)
A3000 Serial upgrade – £21	ScanLight Plus Junior - £209	Ballarena – £19(4.4.20)	Redshift $-£18$ (3.12.3)
A3000 User Port & Midi – £53	ScanLight Plus Junior A3000 - £209	Blowpipe – £20(4.5.2)	Repton $3 - £19$ (2.3.2)
Midi upgrade software – £10(3.6.2)	ScanLight Plus Junior 256 – £245	Boogie Buggy - £23(4.9.2)	Return to Doom - £20(4.7.27)
A3000 User & Analogue Ports (Morley) - £74 (3.6.2)	ScanLight Plus Junior 256 A3000 - £245	Bug Hunter/MoonDash - £18(3.10.26)	Rotor – £24(3.7.3)
A3000 Ext 3.5" drive for A3000 - £138(3.6.2)	SCSI podule for A300/A400 (Acom) – £276	Bug Hunter in Space – £18(4.4.52)	• Saloon Cars – £23(just arrived!)
SCSI podule for A3000 (Lingenuity) - £170	SCSI podule for A300/A400 (Lingenuity) – £189	Caverns - £18(3.5.2)	Square Route - £19(4.5.4)
SCSI podule for A3000 (Oak) - £230	SCSI podule for A300/A400 (Oak) – £230	Cheat it again, Archie - £11(2.7.55)	Star Trader - £17(2.5.31)
Monitors & Accessories	•	Chocks Away 2 – £24(4.4.40)	Superior Golf – £19(3.12.19)
Acorn (Philips) monitor – £255	Connectors & Cables	Chocks Away Extra Missions – £19(4.9.2)	Talisman - £15(4.3.50)
Philips CM8833 14" monitor – £285(2.9.2)	Keyboard extension cable – £8	Cops (Adventure) - £19(3.7.48)	The WIMP Game – £19(4.3.42)
Eizo 9060SZ 14" multi-sync - £530(3.7.2)	Modem connecting lead - £12	• Creator (for Arcade Games) - £36(4.10.3)	Thundermonk – £15(2.5.3)
Taxan 795 14" Trinitron m-sync $-$ £600(4.1.6 + 21)	Printer cable (Centronics) – £10	Crisis - £28(4.3.2)	Trivial Pursuit – £28(3.6.41)
Eizo 9070SZ 16" multi-sync – £900(3.10.2)	SCSI cable IDC to Amphenol – £16(4.7.12)	Drop Ship $-£19$ (4.4.52)	Twinworld - £19(4.7.50)
	SCSI cable D-type to Amphenol - £16(4.7.12)	Enthar-7 - £27(2.1.44)	U.I.M £29(3.7.21)
Microvitec 20" multi-sync – £1450	SCSI cable Amphenol to Amphenol – £16(4.7.12)	E-Type – £19(3.2.49)	• Ultrasonic sound system for Creator – £28(4.10.4)
VIDC Enhancer – £36(3.10.21)	SCSI cable IDC to IDC - £16(4,7.12)	E-Type Designer – £17(3.3.2)	• Unrasonic sound system for Creator = 228(4.10.4) • Wonderland = £32(4.10.4)
A3000 Monitor stand – £34	Printers & Accessories	E-Type Extra 100 miles – £17(3.3.2)	
Long monitor lead with sound (SCART) - £18 (3.12.2)	Panasonic KXP1081 9-pin printer - £158	Family Favourites – £19(3.8.59)	11 0,4 0 p 1. 0x 1
A310 / A440 Upgrades	Panasonic KXP1124 24-pin printer – £281	Fireball H – £24(3.5.41)	Worldscape – £20(4.5.4)
Replacement Mouse (Acorn) - £56(3.5.3)	32k buffer chip for KXP1124 – £16	Fireball II + Fish + Pon (MiniPack5) - £28(3.5.41)	Zarch - £19(1,2.33)
Replacement Mouse cable (Digitec) - £11	Cut-sheet feeder for KXP1124 – £128(3.10.3)	Freddy's Folly - £15(2.1.45)	Z88
Replacement Mouse cable (Logitech) - £13	Ribbons for KXP1124 – £11 each(3.10.3)	Herewith the Clues! – £24(3.11.57)	****
Replacement 3.5" drive for 310 - £102(3.5.3)	Centronics Printer cable – £10	Holed Out – £19(2.9.38)	128k RAM pack - £50
Second internal 3.5" drive -£125	Laser Direct 600 dpi (LBP8) – £1595(4.1.2)	Holed Out Extra Coures 1 – £17,(2.10.5)	128k EPROM pack – £50
Replacement keyboard for 310/1 - £123	Laser Direct 800 upi (LBFo) = £1393(4.10.2)	Holed Out Extra Coures 2 – £17(2.10.5)	
MEMC1a upgrade for $310/440 - £76$ (3.2.3)	A4 paper tray (LBP8) - £54(4.10.2)	Holed Out Designer - £19(3.9.60)	
• ARM3 – 24MHz (Aleph One) – £420(4.1.13)	Toner cartridge for LBP8 – £82	Hostages – £20(4.4.16)	
ARM3 - 25MHz (CJE Micros) - £400(4.1.3)	Canon I.BP4 - £970(4.1.2)	nusiages = £20(4.4.10)	Mains Adaptor – £10
Econet module – £53	LD interface for LBP4 – £380(4.1.2)		
Fan Quietener – £21(4.5.2)	A4 paper tray (LBP4) - £57(4.10.2)		
Acom 2-slot backplane (inc fan) – £43	Toner cartridge for LBP4 - £82		

Printers (continued)	Art / Drawing etc Packages
Laser Direct (Qume) 300 dpi – £1100(3.12.6)	ArclmEd - £24(1,12,42)
Quine toner set $-£77$ (4.1.4)	ArcLight - £47(4,4,19)
Qume drum set – £97(4.1.4)	ArcPCB - £163(2.1.2)
A4 paper tray (Qume) – £66(4.10.2)	ArcPCB Professional – £327(3.1.4)
Languages	Artisan $2 - £56$ (3.5.53)
ABC-2 BASIC Compiler - £91(2.5.16)	Art Nouveau + £42.50(2.6.17)
ABC Dynamic Extensions – £46(3.1.2)	Atelier – £87(2.12.46)
Acorn Assembler – £199(3.4.51)	AutoSketch – £81(1.7.3)
Adventure Lang Prog System (ALPS) – £33(3.3.50)	Drawing Board - £55(2.5.33)
ANSI-C (Release 3) - £148	Euclid - £61(3.1.50)
Cambridge Pascal – £72(3.4.27)	Film Maker – £92(2.6.3)
C Front End – £19(3.4.49)	GammaPlot – £47(1,12,19)
• Creator (for Arcade Games) – £36(4.10.3)	GraphBox – £71(2.8.4)
• Ultrasonic sound system for Creator – £28(4.10.4)	• Imagine – £37(4.10.3)
Fortran 77 (Rel. 2) – £99(1.7.26)	Inter-Chart ROM – £28(1.1.20)
Iso-Pascal (Rel. 2) – £99(1.9.24 + 1.11.14)	Inter-Chart disc – £21(1.1.20)
Logotron Logo – £65(1.11.50)	Mogul (for Euclid) – £21(3.1.50)
Risc BASIC Compiler – £135(2.9.32)	Poster (with fonts) -£95(3.11.13)
Risc Forth – £135(2.2.23)	Presenter II – £43(1.11.46 + 3.3.23)
RoboLOGO - £92(4.1.5)	Presenter II with Hotlinks - £50(3.10.3)
Twin Editor – £30	Presentation System - £47(2.7.20)
Wingpass Macro Assembler V2 – £48(2.8.41)	• PrimeArt – £87(4.10,4)
	Pro-Artisan – £87(2.3.19)
Word-Processors & DTP	Realtime Solids Modeller – £163(2.10.46)
DTP from Acorn – £148(2.12.41)	Render Bender – £71(2.9,23)
Easiword – £37(3.9.2)	Revelation image processor – £82(4.5.4)
Equasor $-£53$ (4.6.47)	Snippet – £31(3.11.4)
Expression PS (for Impression) – £22(4.5.3)	Solid CAD - £135(2,5,3)
First Word Plus 2 – £84(3.4.40)	Solids Render – £135(4.1.5)
First Word Plus Extended Dictionary – £7(2.8,30)	Solid Tools – £327(4.1.5)
First Fonts, Maths/Scientific – £21(2.1.32)	Splice – £26(3,12,38)
Graphic Writer – £28(1.6.12)	Super-Dump – £29(4.1.5)
Impression 2 DTP – £180(4,5.49)	Super-Plot – £38(4.1.5)
 Impression Business Supplement – £53,(4.10.3) 	Tracer (Midnight Graphics) - £57(4.6.3)
Impression Dongle Dangle $-$ £6(4.5.3)	Tween - £26(3.12.38)
Impression Junior – £91(3.2,59)	Worra-CAD - £82(3.11.4)
Inter-Word ROM – £43(1.1.20)	· · ·
Inter-Word disc – £31(1.1.20)	Sound (Hardware & Software)
Ovation DTP - £107(3.12.23)	Acom Midi podule – £76(3.2.26)
Protext 5.0 – £138(4.10,58)	• ARCticulate – £23(4.10.2)
ShowPage - £153(4.5.4 + 4.9.45)	Armadeus – £72(2.9.17)
SpellMaster ROM – £56(1.10.34)	Armadeus sampler podule – £145(2.9.17)
SpellMaster disc – £42(1.10.34)	• Arc Recorder – £33(4,10,2)
Tempest DTP – £123(3.10,50)	• Rhapsody II – £57(4.10.4)
Wordwise Plus A (80 column) – £31(3.5.5)	Speech! - £19(4.9.47)
Wordwise Plus A (upgrade from BBC) - £10 (1.2.20)	Supersound Creations – £18(4.3.4)
	Tracker – £47(4.5.44)
Graphics & Clipart	 UltraSonic Sound System – £28(4,10.4)
Children's pictures – £19(4.7.2)	Communications
History (Costume) Graphics Pack – £19(4.7.39)	Acom – £29(4.3.40)
Maps of the World – £27(4.1.54)	Arc-Comm 2 – £59(4.9.2)
Pre-Historic Animals – £19(4.7.39) Tools – £27 (4.7.38)	ArcTerm $7 - £77$ (4.5.2)
10008 - 777 (4.7.38)	

Hearsay - £60(1.12.22)

WS3000 V22bis modem - £320(2.8.5)
Modem connecting lead - £13

Tools - £27(4.7.38)

World Wildlife Pack – £19.....(4.7.39)

Utilities	Mailshot - £38(2.6.27)
ArcDFS $-£29$ (3.11.55 + 3.12.30 + 4.1.48)	Matrix 3 - £91(1.11.2)
Archway2 - £92(4.5.2)	Multistore II – £255(3.4.33 / 3.6.46)
ArcMonitor – £29(4.4.2)	Reporter - £38 (2.6.27)
Broadcast Loader (Econet) - £75(4.9.2)	Schema - £112(4.1.5 + 4.9.27)
CIS Utilities (inc Pro-Copier) + £17(4.3.2)	SigmaSheet - £47(1,11.52 + 1.9.28)
Colour dump - Canon - £26	System Delta-Plus II – £71(2.5.3).
Colour dump – Integrex – £26	System Delta-Plus Reference Manual – £28
Colour dump – LC10 – £26(3.3.28 + 3.9.59)	Educational Programs
DataStore Utilities Disc Nº1 – £15(3.2.32)	Amazing Ollie (age: $4+$) – £16(4.2.2)
DataStore Utilities Disc Nº2 – £15(4.6.2)	Astro (Astronomy programs) – £21(4.2.2)
DiscTree - £45(2.8.24)	BookBinder (Musbury) – £50(4.6.56)
FontFX - £10(3.9.37)	Coffee (age: $9 - 15$) – £33(4.2.2)
Grey dumps (9-pin tone dump) $-$ £13(2.6.47)	Concept Designer - £26(4.10.38)
Instigator – £46(2.10.5)	Craftshop 1 – £34(3.9.35)
Investigator II - £27(4.5.3)	Craftshop 2 – £34(3.9.5)
Outline Font Starter Pack - £48(3.5.3)	Desktop Folio – £97(4.5.2)
Outline Fonts 'Newhall' – £48(3.5.3)	Desk Top Stories – £39(2.12.48)
PC Emulator – £96(1.5.24)	DigiSim – £41(2.8.48)
RISC-OS upgrade – £37,(2.7.20)	Droom - £26(1.7.42)
RISC-OS Companion – £51(2.12.51)	Dust - £33(4.1.3)
Software Developer's Toolbox – £179(2.3.2)	Flight Path (age: 9+) - £33(4.6.2)
TCP/IP Protocol Suite – £199 ,(4.2.3)	Freddy Teddy -£21(4.4.2)
TCP/IP Protocol Suite Site Licence - £1020(4,2.3)	Freddy Teddy's Adventure – £21(4.4.2)
TCP/IP Programmers Pack – £49(4.2.3)	Fun School 2 (age: under 6's) $-$ £20(4.2.59)
Timewatch – £29(3.2.28)	Fun School 2 (age: $6 - 8$'s) $- £20$ (4.2.59)
Toolkit Plus – £43(2.2.32)	Fun School 2 (age: 8+) – £20(4.2.59)
WIMP Template Editor – £8(2.5.29)	Gate Array Design/Teaching - £135(4.1.3)
Worra Plotter – £28(3.3.3)	Genesis II – £135(4,3,3)
	Geoscan Database – £39(4,2.51)
Integrated Software	Giant Killer Maths Adventure - £19(4.5.3)
Desktop Office – £125(4.1.40 + 4.2.55)	Giant Killer Support Disc - £17(4.5.3)
Home Accounts – £47(2.10.29)	HoneyPot $-£48$ (4.6.60)
Minerva Business Accounts – £360(4.1.3)	House of Numbers – £24(4.9.3)
Minerva Nominal Ledger – £92(4.1.3)	Jiglet $-£31$ (4.4.30 + 4.5.17)
Minerva Ordering/Invoicing $-$ £92(4.1.3)	Jigsaw – £34(3.5.27)
Minerva Purchase Ledger – £92(4.1.3)	Landmarks (Egypt) – £21(4.8.29)
Minerva Sales Ledger – £92(4.1.3)	Landmarks (2nd World War) - £21(4.8.29)
Minerva Stock Management – £92(4.1.3)	Logotron Logo – £65(1.11.50)
Office Tools – £325(4.1.4)	Magpie multi-media – £58(4.5.3)
Personal Accounts (Apricote) – £28(4.2.53)	Maps of the World – £27(4.1.54)
PipeDream 3 – £148(2.12.23)	Mental Maths – £19(4.5.4)
PipeDream Extended Dictionary – £8(3.2.28)	Numerator - £80(2.12.46)
ShareHolder – £135(4.1.5)	Ollie Octopus Sketchpad (age: 4+) – £16,(4.2.3)
The Account Book (Apricote) $-£33$ (4.2.53)	Order & Chaos (for Numerator) – £18(4.1.26)
The Invoice Program (Apricote) – £33(4,2.53)	PenDown - £58(3.12.48/4.1.42/4.6.54)
Spreadsheets & Databases	PenDown Outline Fonts Disc – £19(4.9.3)
Alphabase – £43(2.5.37)	P.I.P.P £38(3.12.51)
Ancestry $-£71$ (2.8.43)	RiscType V2 – £19(4.3.3)
Arcscan III Database – £18(4.8.21)	RobeLOGO – £92(4.4.54)
DataVision - £135(4.1.3)	Tiny Logo + Tiny Draw - £32(4.3.59)
Financial Accountant -£250(4.1.3)	· - ·
Flexifile - £135(4.5.54)	Documentation
Inter-Sheet disc - £31(1.1.20)	A3000 Technical Manual – £28(3.8.2)
Inter-Sheet ROM – £43(1.1.20)	A540 Technical Manual – £65
Knowledge Organiser - £56(3.9.54)	Assembly Language Book – £14(1.11.39)
Knowledge Organiser - 130(3.7.34)	

Eureka »» 'Archive BBS'

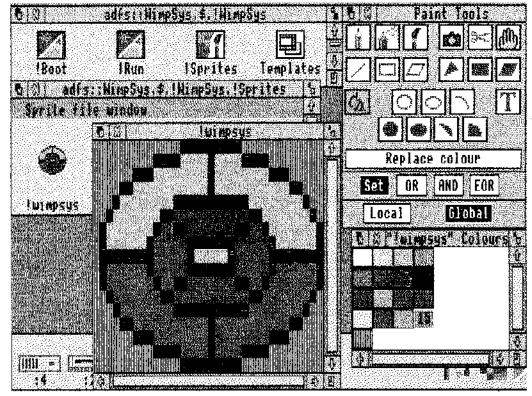
It's no longer 'Eureka 1' and 'Eureka 2'. Eureka 1 is being bought out by its sysop, Carl Wright, and will be completely independent of Archive. Eureka 2 will henceforth be known as Archive BBS, and remains under our sponsorship. I supplied the board with a 440 for which Alan bought a 40M drive. Unfortunately, a loose screw rolling around on the p.c.b. played havoc with the computer and it has had to go back to the suppliers for repair. Drat! We hope to get

it going soon and to add an extra two line to cope with the large number of callers.

The Archive BBS password this month is WARWICK.

Missing Diagram

The diagram below is the screen dump that was referred to on page 44, para 6. Apologies to Gerald Fitton for missing it out!



Overseas Prices

Overseas (non-U.K.) Archivists, when buying items from the order form, subtract the VAT from the prices (15% on most items, but zero on subscriptions, back issues, manuals and books) then add something to each item to cover the extra postage.

E.g. Archive binder £5.50 / 1.15 = £4.78 add a bit for postage, so send £6 for Europe or £9 or £9.50 or £10 for airmail to other parts of the world.

Or Programmers Ref Manual £28 (No VAT), add £2 extra postage for Europe or £7, £9, or £11 for airmail to other parts (or £3 surface mail)

Payment

Send a Eurocheque or a sterling cheque drawn on a U.K. bank. (If you can only send local currency, add £6 for bank commission.) Or use our Girobank a/c no 2341107 to pay by direct transfer.

Archive Members' Price List – July 1989

(All prices are inc VAT and UK carriage) Archive

Graphics Demo Disc – £3(2.3.4)
Shareware Disc N° I $-£3$ (2.3.4)
Shareware Disc Nº 2 – £3(2.6.50)
Shareware Disc Nº 3 – £3(2.3.4)
Shareware Disc Nº 4 – £3(2.7.54)
Shareware Disc No 5 (Music) – £3(2.7.4)
Shareware Disc Nº 6 (FWPlus) – £3(2.7.4)
Shareware Disc Nº 7 (Index Progs) – £3(2.7.2)
Shareware Disc № 8 (Invaders) – £3(2.8.3)
Shareware Disc $N^{\circ} 9 - £3$ (2.8.3)
Shareware Disc No 10 - £3(2.9.53)
Shareware Disc № 11 (Concerti) – £3(2.8.3)
Careware Disc Nº 1 – £6(2.10.2)
Program Disc, Vol. Iss. $1-6$ on one disc $-£9$
Program Discs Vol. 1 Iss. 7 onwards –£3 each.
WIMP Template Editor – £8(2.5.29)
Archive Back issues – £1.80 each
Binder volume $1 - £5.50$ (1.7.3)
Binder volume $2 - £5.50$
3.5" Discs, top quality branded – 10 for £16
Archimedes dust cover – £11.50

RISC-OS (prices while stocks last)

RISC-OS package (Acorn) – £36(2.7.20) (Overseas exVAT, inc postage prices: Europe £36, M.East £44, Africa/America £46, Rest of world £47) (Full prices £70, £70, £78, £80, £81)

Hardware - Hard Drives

Acorn hard disc podule (inc metalwork etc) - £250
Acom internal 20 M hard drive + podule - £485
Computerware Hard Drives(2.9.54)
Internal 20 M drive + podule -£390
Internal 40 M drive + podule - £590
Hard Disc Podule (inc metalwork + cables) - £240
External 20 M drive + psu - £335
External 40 M drive + psu - £485
External 60 M drive + psu - £740
Internal 20 M drive for A410/1 - £230
Internal 40 M drive for A410/1 - £420
G.E.S. Computers Hard Drives(2.10.6)
Internal 40 M drive + podule - £630
Internal 40 M drive for A410/1 - £445

Watford Hard Drives	(page iii
Internal 20M + podule - £430	
Internal 40M + podule - £500	

Hardware - General

Hardware - General
A410/1 - £1380 (inc £100 free s/ware)(2.10.2)
1 Mbyte Upgrade for A410/1 – £185
3 Mbyte Upgrade for A410/1 – £545
2 Mbyte Upgrade for A420/1 – £365
Acorn (Philips) colour monitor – £250
Marconi Trackerball - £55(page iii)
Hitachi Multi-sync 560 – £530
Eizo 9060S multi-sync monitor - £555
2-slot Backplane (Acom) – £42
4-slot Backplane (inc fan) (Atomwide) – £63
4-slot Backplane (inc fan) (Comp'ware) – £53
4-slot Backplane (inc fan) (Watford) - £56
1/2 meg RAM upgrade for A305 - £130
3.5" disc up-grade – £122
Econet module – £46
Acorn I/O Podule – £84(1.7.38)
Midi add-on to I/O (a) – £41
DAT
PAL programmer (Atomwide) – £220(2,9,2)
ROM Podule (cc) – £53(1.7.44)
ROM Podule (cc) – £53(1.7.44) with battery backup (cc) – £63
ROM Podule (cc) – £53(1.7.44)
ROM Podule (cc) – £53(1.7.44) with battery backup (cc) – £63
ROM Podule (cc) $-£53$
ROM Podule (cc) – £53(1.7.44) with battery backup (cc) – £63

Languages

ABC-2 BASIC Compiler (d) - £89(2.5.16)
Risc BASIC Compiler (s) - £89(2.9.32)
Assembly Language Book (d) £13.50(1.11.39)
Assembly Language Disc (d) £8.50
ANSI-C (Release 2) (a) - £99
C Guide (d) – £13.50(2.1.28)
C Guide Disc (d) – £8.50
Iso-Pascal (Rel. 2) (a) -£99(1.9.24 + 1.11.14)
Fortran 77 (Rel. 2) (a) – £99(1.7.26)
Lisp (a) $-$ £199(1.12.14 + 2.3.37)
Logotron Logo – £64(1.11.50)
Prolog System X (a) - £179(2.10.34)
Risc Forth (s) – £89(2.2.23)
Twin Editor (a) – £29

Word-Processors etc (1.12.44)

DTP from Acorn - £145(2.10.2)
First Word Plus (a) – £82(1.10.18)
FWP Extended Dictionary - £6.50(2.8.30)
First Fonts, Maths/Scientific – £20(2.1.32)
Graphic Writer (cl) – £27(1.6.12)
Inter-Word ROM (cc) $-$ £42 (disc $-$ £30)(1.1.20)
NewsMaster 2 DTP (uses PC emitr) - £63 (2.9.2)
PrintMaster (uses PC emltr) (LTS) - £42(2.9.2)
SpellMaster ROM (cc) $-£55$ (disc $-£41$)(1.10.34)
Wordwise Plus (cc) -£30(1.2.20)
WordwisePlus up-grade (cc) - £10(1.2.20)

Art / Drawing etc Packages

Sound (Hardware & Software)

SoundSampler A448 - £150	(2.9.3)
SoundSampler A448b - £180	(2.9.3)
SoundSampler A448m - £210	(2.9.3)
SoundSampler A616 - £1290	(2,9,3)
Spectra SFFT software - £66	(2.9.3)
SoundSynth - £48(1.8.16)
Creations - £18	
Studio 24 Plus – £89	

Communications

ArcComm - £28	(2.10.2)
Hearsay (Beebug) - £59	(1.12.22)
WS3000 V22bis modem - £350	
Amstrad SM2400 modem - £235	
Modem connecting lead - £10	

Utilities

Othitics
ArcBuffer (cl) - £18(2.1.30)
Archway (WIMP tools) - £70(2.10.31)
Beebug Special disc incArcScan - £10 (2.10.53)
Colour dump – Integrex – £25
Colour dump - Canon - £25
DiscTree (RISC-OS) - £44(2.8.24)
Desktop Enhancer (Λrthur) – £27(1.12.40)
Key-Define – £13(2.1.37)
Grey dumps (9-pin tone dump) - £13(2.6.47)
PC Emulator (a) - £95(1.5.24)
RISC-OS Companion - £50(2.10.3)
S/w Developer's Toolbox (a) - £125(2.3.2)
Toolkit Plus (cl) $-$ £42(2.2.32

Integrated Software

Home Accounts (m) - £46	(2.10.29)
PipeDream (co) - £99	(1.10.35)
PipeDream SpellCheck (co) - £45	(2,4,19)
PipeDream Demo Disc (co) - £5	
Logistix (a) – £99(1.9.	31 + J.10.4)

Spreadsheets & Databases

Educational Games

Droom $-$ £20(1.7.42)
Desk Top Stories –£31
Bumper Pack 1 (Reading)—£18(1.2.34)
Bmp Pack 2 (Arith, English + Crossw'ds) - £18

Digital Circuit Simulators!

DigiSim - £40(2)	.8.48)
Gate Array Teaching System (s) - £79(2.6.3)

Documentation

BASIC V manual (a) - £19	(2.8.2)
Dabs BASIC V Guide - £9	(2.9.2)
Operating System Book (d) - £13.50	(2.6.45)
Operating System Disc (d) -£8.50	(2.6.45)
Programmers' Reference Manual - £28	

Games

Alerion (d) – £14	(2.1.45)
AlphaBlockers Quiz Game £13	(1.12.39)
Arcade 3 Compilation (cl) -£14	(2.5.2)
Arcendium (d) -£14	(2.5.2)
Arc Trivia – £23	(2.7.52)
Cheat it again, Archie - £11	(2.7.55)
Enthar-7 - £26	(2,1,44)
Fireball - £18	(2.6.25)
Fish (Mag.Scrolls Adv game) - £23	(2,6.51)
Freddie's Folly (m) - £14	(2.1.45)
	

Holed Out - £18(2	2.9.38 + 2.10.)
Hoverbod (m) - £14	(1,10,47)
Ibix the Viking (m) - £18	
Jet Fighter (m) ~ £14	(2.3.2)
Minotaur (m) – £14	(1.3.34)
Missile Control (m) £14	
Orion (m) – £14,	(2.1.45)
Overload (c) - £14	***************************************
Pacmania - £18	
Plague Planet (adventure) - £11	
Repton 3 – £18	(2.3.2)
reprose a communication	(2/.2)
Quazer – £11	(1,10.47)
Quazer - £11	(1,10.47)
Quazer - £11	(1,10.47)
Quazer – £11 Star Trader – £16	(1,10.47)
Quazer - £11	(2.5.31)

Z88

Z88 Computer - £240
128k ram pack - £49
128k eprom pack - £49
Eprom eraser - £39
Archimedes link - £35
Carrying case - £9
Mains Adaptor - £10
Z88 SpellMaster ROM - £55

Careware Nº 2 not ready

Despite my comments in the magazine itself (page 2) we have not yet had quite enough good software to set up Careware N^o2 or Sharewares 12 and 13 that I thought would be ready by now.

Low Price RISC-OS in stock!!

At the time of writing, we still have stocks of the low price RISC-OS (£36 in UK) but when they are gone, the price will have to go up to £70.

Hard drive test progs needed

Help!!!!! Has anyone got any hard drive test programs that I can run so that we can give some objective(?) comparison between the different drives?

Archimedes Training Videos

A Norwich company is talking about doing training videos about the Archimedes. If anyone is interested, let us know what sort of level you are looking for complete beginner, how to use specific software packages, how to use RISC-OS, or what?

Archimedes Tracker Balls

Marconi are now producing a tracker ball specifically for the Archimedes, I've managed to get a reasonable price on them to sell them at £55 inc VAT & carr.

Watford hard drives speed up!

The drives that Watford are now supplying are faster than the ones referred to in the magazine a while back and we have made arrangements to sell them through Archive. (20M are 40ms and 40M are 25ms).

Order Form- May 1989

Da	te of order:	
Name		
Address		
Subscription Number (if known):		
Please Supply: Archive Subscription renewal for 1 (UK / Europe / Middle East / Africa, /		
One year's Technical Help Service (£8)	
, , , , , , , , , , , , , , , , , , ,		
- · · · · · · · · · · · · · · · · · · ·		
	1989 - 4 J	
Abbreviations used:	I enclose a cheque for: £ payable to "Norwich Computer Service	?s"

a = Acom, cc = Computer Concepts, cl = Clares, co = Colton Software, d = Dabs Press, m = Minerva, s = Silicon Vision

(Sorry no Access or Visa facilities.)

Norwich Computer Services, 18 Mile End Road, Norwich, NR4 7QY. (0603-507057)

(All prices are inc VAT and UK carriage) Archive	$eq:linear_line$
Graphics Demo Disc – £3(2.3.4)	Languages
Shareware Disc № 1 – £3(2.3.4)	ABC-2 BASIC Compiler (d) - £89(2.5.16)
Shareware Disc № 2 – £3(2.6.50)	Risc RASIC Compiler (s) – £89(2.8.6)
Shareware Disc Nº 3 – £3(2.3.4)	Assembly Language Book (d) £13.50(1.11.39)
Shareware Disc $N^{\circ} 4 - £3$ (2.7.54)	Assembly Language Disc (d) £8.50
Shareware Disc Nº 5 (Music) – £3(2.7.4)	ANSI-C (Release 2) (a) – £99
Shareware Disc Nº 6 (FWPlus) – £3(2.7.4)	C Guide (d) –£13.50(2.1.28)
Shareware Disc Nº 7 (Index Progs) –£3(2.7.2)	C Guide Disc (d) -£8.50
Shareware Disc Nº 8 (Invaders) – £3(2.8.3)	Iso-Pascal (Rel. 2) (a) – £99(1.9.24 + 1.11.14)
Shareware Disc Nº 9 - £3(2.8.3)	Fortran 77 (Rel. 2) (a) – £99(1.7.26)
Shareware Disc Nº 10 – £3(2.8.3)	Lisp (a) $-$ £199(1.12.14 + 2.3.37)
Shareware Disc Nº 11 (Concerti) - £3(2.8.3)	Logotron Logo – £64(1.11.50)
Program Disc, Vol. Iss. $1-6$ on one disc $-£9$	Prolog (a) - £199
Program Discs Vol. 1 Iss. 7 onwards – £3 each.	Risc Forth (s) – £89(2.2.23)
WIMP Template Editor – £8(2.5.29)	Twin editor (a) $-£29$
Archive Back issues – £1.80 each	
Binder volume $1 - £5.50$ (1.7.3)	Integrated Software
Binder volume 2 – £5.50	Home Accounts (m) – £46(2.3.2)
3.5" Discs, top quality branded – 10 for £16	PipeDream (co) – £99(1.10.35)
Archimedes dust cover – £11.50	PipeDream SpellCheck (co) – £45(2.4.19)
RISC-OS	PipeDream Demo Disc (co) – £5
	Logistix (a) $-$ £99(1.9.31 + 1.10.4)
RISC-OS package (Acom) – £36(2.7.20)	Word-Processors etc (1.12.44)
(Overseas exVAT, inc Postage prices: Europe £36,	First Word Plus (a) – £82(1.10.18)
M.East £44, Africa/America £46, Rest of world £47)	
Harawara	- KWP Extended Hickonary - 46 50 - (2.8.30)
Hardware	FWP Extended Dictionary - £6.50(2.8.30)
2-slot Backplane (Acom) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32)
2-slot Backplane (Acorn) – £42 4-slot Backplane (inc fan) (Atomwide) – £63	First Fonts, Maths/Sci (24 pin) – £20(2.1.32) Graphic Writer (cl) – £27(1.6.12)
2-slot Backplane (Acorn) – £424-slot Backplane (inc fan) (Atomwide) – £634-slot Backplane (inc fan) (Comp'ware) – £53.	First Fonts, Maths/Sci (24 pin) – £20(2.1.32) Graphic Writer (cl) – £27(1.6.12) Inter-Word ROM (cc) – £42 (disc – £30)(1.1.20)
2-slot Backplane (Acorn) – £424-slot Backplane (inc fan) (Atomwide) – £63 4-slot Backplane (inc fan) (Comp'ware) – £53 . 1/2 meg RAM upgrade for A305 – £159	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34)
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci $(24 \text{ pin}) - £20 \dots (2.1.32)$ Graphic Writer $(cl) - £27 \dots (1.6.12)$ Inter-Word ROM $(cc) - £42 \text{ (disc} - £30) \dots (1.1.20)$ SpellMaster ROM $(cc) - £55 \text{ (disc} - £41)(1.10.34)$ Wordwise Plus $(cc) - £30 \dots (1.2.20)$
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10(1.2.20)
2-slot Backplane (Acom) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci $(24 \text{ pin}) - £20$ $(2.1.32)$ Graphic Writer $(cl) - £27$ $(1.6.12)$ Inter-Word ROM $(cc) - £42$ (disc $- £30$) $(1.1.20)$ SpellMaster ROM $(cc) - £55$ (disc $- £41$) $(1.10.34)$ Wordwise Plus $(cc) - £30$ $(1.2.20)$ WordwisePlus up-grade $(cc) - £10$
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci $(24 \text{ pin}) - £20$
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27(1.6.12) Inter-Word ROM (cc) - £42 (disc - £30)(1.1.20) SpellMaster ROM (cc) - £55 (disc - £41)(1.10.34) Wordwise Plus (cc) - £30(1.2.20) WordwisePlus up-grade (cc) - £10
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci $(24 \text{ pin}) - £20$
2-slot Backplane (Acorn) – £42	First Fonts, Maths/Sci (24 pin) - £20(2.1.32) Graphic Writer (cl) - £27

Cops (Adventure) – £18(3.7.48)
Enthar-7 – £26(2.1.44)
E-Type – £18(3.2.49)
E-Type Designer – £16(3.2.4)
E-Type Extra 100 miles - £16(3.3.2)
Family Favourites – £18(3.3.2)
Fireball II – £23(3.5.41)
Freddy's Folly – £14(2.1.45)
Holed Out - £18(2.9.38)
Holed Out Extra Coures 1 - £16(2.10.5)
Holed Out Extra Courcs 2 – £16(2.10.5)
Holed Out Designer – £18(3.9.60)
Hoverbod – £14(1.10.47)
Ibix the Viking ~£18(3.1.45)
Interdictor $-£30$ (3.2.40)
Jet Fighter – £14(2.3.2)
• Maddingly Hall – £14(3.8.3)
• Man at Arms – £19(3.9.2)
Minetaur = £14(1.3.34)
Missile Control - £14(1.10.47)
Olympics – £19(3.9.58)
Orion – £14(2.1.45)
Pacmania – £18 (2.4.29)
Plague Planet - £11(2.10.48)
Return to Doom - £19
Last Days of Doom - £19(3.7.3)
Repton 3 – £18(2.3.2)
Rotor – £23(3.7.3)
Ouazer - £11(1.10.47)
Star Trader – £16(2.5.31)
• Talisman – £14(3.8.4)
Terramex – £18
Thundermonk – £14(2.5.3)
Trivial Pursuit – £27(3.6.41)
U.J.M. – £28(3.7.21)
WordUpWordDown - £16(2.5.31)
Zarch $-$ £18
Zarch - 118(1.4.33)

Z88

Z88 Computer – £230 128k ram pack – £49 128k eprom pack – £49 Eprom eraser – £39 Archimedes link – £35 Carrying case – £10 Mains Adaptor – £10

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £70 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 420/1 equivalent is £1260 + £70 + £200 = £1530 and a 440/1 costs £1260 + 3 * £70 + £390 = £1860.

If you want an Acorn monitor or a Cub 3000 at the same time, add £230, if you want an Acorn monitor or a Philips CM8833, add £260 and if you want an Bizo 9060SZ multi-sync monitor at the same time, add £510.

Cheaper Joysticks

Bulk buying of joysticks has enabled us to reduce the price from £28 to £25.

Not available after all...

Despite what Minerva said in their press release (see page 2 of the magazine), Easiword and Flexifile will not now be available until July. Hmmm...

Panasonic Sheet-Feeders & Ribbons

We now sell cut-sheet feeders for KX-P1124 printers at £125. Also, ribbons for Panasonic KX-P1124 printers have been proving difficult to get hold of but we've found a source of them at £11 each.

ARM3's available

The supply of ARM3 chips has continued to be intermittent. At the time of writing I have one Aleph One 30MHz ARM3 (£650) and one Watford 30MHz (£460) in stock but Aleph boards are easier to get hold of. One other difference between them is that the Aleph board is rather better made. This is partly because Watford's board is upside down for simplicity of construction but this means that the ARM chip is underneath the p.c.b. and quite close to the MEMC chip thus reducing the heat dissipation. Also, the underside of the p.c.b. points upwards increasing the possibility of it shorting out on the metalwork above. (They have tried to prevent this with a single layer of insulating tape!) The 84-way connector on the Watford board is not as well engineered as the one used by Aleph. However, Watford do provide an extractor tool for D.I.Y. fitting and the £190 difference can't be ignored.

100M SCSI - One only!

We have one Lingenuity 100M SCSI drive with podule for sale at £850. (Please ring if you want it.) This is a full spec auto-parking drive – normal Archive price £910, Lingenuity's full price £965. It was ordered for a customer who changed his mind!

A3000 SCSI drives

Due to over-stocking, we have a few 45M and 80M Oak A3000 SCSI drives with podule at special prices of £625 and £920 respectively. The normal Archive prices £655 and £970, and Oak prices £760 and £1100. (Please ring before ordering to check availability.)

Overseas Prices

Those outside U.K. should subtract the VAT (15%) that is charged on everything except books and magazines and then add extra for postage. On large items, please ring or fax for a quotation. Payment can be made by Eurocheque, sterling cheque drawn on a U.K. bank or direct credit to our Girobank account 2341107.

Archive Members' Price List - June 1990

(All prices include VAT and UK carriage)
(Numbers in brackets refer to Issues of Archive magazine.)

Hard Drives - SCSI

Lingenuity SCSI Drives(2,11,2, 3,2,10, 3,4,15) SCSI hard disc podule for A310 - £215 20M internal drive + SCSI pod (A300/400) - £410 45M internal drive + SCSI pod (A300/400) - £545 70M internal drive + SCSI pod (A300/400) - £870100M internal drive + SCSI pod (A300/400) - £910 200M internal drive + SCSI pod (A300/400) - £1355 20M external SCSI drive - £390 45M external SCS1 drive - £525 70M external SCSI drive - £850 100M external SCSI drive - £890 200M external SCSI drive - £1325 SCSI hard disc podule for A3000 ~£165 20M external drive + SCSI pod (A3000) - £505 • 45M external drive + SCSI pod (A3000) - £640 • 70M external drive + SCSI pod (A3000) - £965 • 100M external drive + SCSI pod (A3000) - £1005 • 560M Magneto-Optical drive - £4055 • 972M Magneto-Optical drive - £5945 Data cartridges for Magneto-Optical drive -£330 Acorn SCSI podule - £320(3.6.25) Oak Computers' SCSI Drives (2.11.2, 3.2.10, 3.4.15) SCSI hard disc podule (A300/400) - £22020M internal drive + SCSI pod (A300/400) - £40045M internal drive + SCSI pod (A300/400) - £525 80M internal drive + SCSI pod (A300/400) -- £810 100M internal drive + SCSI pod (A300/400) - £1150 200M internal drive + SCSI pod (A300/400) - £1470 20M external drive + SCSI pod (A300/400) - £560 45M external drive + SCSI pod (A300/400) - £655 80M external drive + SCSI pod (A300/400) - £970100M external drive + SCSI pod (A300/400) – £1270 200M external drive + SCSI pod (A300/400) - £1640 330M external drive + SCSI pod (A300/400) -- £2870 560M Magneto-Optical drive - £4840 Data cartridges for Magneto-Optical drive – £310

	CCCT)
₽)	SCSI pod + ext drive for A3000 in various sizes
· ·	SCSI hard disc podule for A3000 £220
•	(external drive prices as for A300/400)
	Oak SCSI Tape streamers(3.4.3)
4.)	60M SCSI Tape streamer – £995
-	60M Cartridges – £26 each
 7)	150M SCSI Tape streamer – £1250
2)	150M Cartridges – £30 each
9)	1 Gb SCSI Tapestreamer – £4030(3.7.2)
	1 Gb Cartridges + £38 each
3)	Computerware SCSI Drives(3.4.16)
•••	Internal 100M drive (without podule) –£790
	Internal 200M drive (without podule) - £1230
•••	External 100M drive (without podule) - £890
•••	External 200M drive (without podule) – £1330
	,

Hard Drives — ST506 Computerware ST506 Hard Drives.....(2.9.54)

Internal 20M drive + podule - £390

Internal 40M drive + podule - £570

Internal 47M drive + podule – £660	
Hard Disc Podule (inc metalwork/cables) - £	220
External 20M drive + psu - £335	
External 40M drive + psu - £485	
External 60M drive + psu - £740	
Internal 20M (22ms) drive for A410 –£230	
Internal 40M (24ms) drive for A410 – £380	
Internal 47M (22ms) drive for A410 - £490	
Hard disc mounting kit for A410 £19	(3.8.3
Oak ST506 Hard Drives	(3,7.2
Internal 20M (28ms) drive for A410 - £210	

Hardware - General

Internal 40M (28ms) drive for A410 - £330

Internal 47M (28ms) drive for A410 - £410

A410/1 - £1260 (inc £100 free s/ware)
A3000 computer – £680 (inc £50 free s/ware)
Learning Curve - £800
Monitor stand -£33
User Port & Midi - £52 ,
Midi upgrade software – £10(3.6.2)
User Port & Analogue Port (Morley) – £72(3.6.2)
Econet Upgrade – £52
Serial upgrade – £20
Ext 3.5° drive for A3000 – £135(3.6.2)
1 Mb A3000 upgrade (Morley) – £110(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £330(3.3.3/3.6.2)
Monitors

Eizo 9060SZ 14" multi-sync colour – £530(3.7.2)

Oak 20" multi-sync colour – £1550(2.9.2)

• Eizo 21" hi-res paper white – £1050(2.9.2)

Page 4

Backplanes (all include fan)	C Guide Disc - £8	G. 16 1 . 1440 0160 (0.00)	
Acorn 4-layer 2-slot -£42	Iso-Pascal (Rel. 2) – £99(1.9.24 + 1.11.14)	SoundSampler A448 – £150(2.9.3)	Arcscan II Database - £17
Computerware 4-slot – £56	Fortran 77 (Rel. 2) – £99(1.7.26)	SoundSampler A448b - £180(2.9.3)	Knowledge Organiser - £55(3.9.54)
I.F.E.L. 4-layer 4-slot – £66	Lisp $-$ £199(1.12.14 + 2.3.37)	SoundSampler A448m £210(2.9.3)	System Delta-Plus II – £69(2.5.3)
-	Logotron Logo – £64(1.12.14 + 2.5.57)	SoundSampler A616 - £1290(2.9.3)	System Delta-Plus Reference Manual – £27
Upgrades (3.8.4)	Prolog System X – £179(2.10.34)	Spectra SFFT software – £66(2.9.3)	Reporter – £37(2.6.27)
• VIDC Enhancer – £35(3.8.4)		Video (Hardware & Software)	Mailshot - £37(2.6.27)
Replacement Mouse – £55(3.5.3)	Risc BASIC Compiler – £89(2.9.32)	Chroma 220 genlock A3000 - £165(3.5.3)	Multistore – £250(3.4.33 / 3.6.46)
Replacement 3.5" drive for $310 - £100$ (3.5.3)	Risc Forth – £89(2.2.23)	Chroma 235 (220+ encoder/keyer) - £210(3.5.3)	Inter-Sheet ROM – £42(1.1.20)
Replacement 3.5" drive for 400/1 – £70(3.5.3)	Twin Editor – £29	Chroma 250 (235 + improved chroma) - £375(3.5.3)	Inter-Sheet disc – £30 ,(1.1.20)
2nd internal 3.5" drive for A310 -£122	Wingpass Macro Assembler V2 - £47(2.8.41)	Chroma 320 genlock A300/A400 · £165(3.5.3)	Matrix 3 – £89(1.11.2)
2nd internal 3.5" drive for A410 ·· £122	Word-Processors, DTP, etc	Chroma 335 (320+ encoder/keyer) - £315(3.5.3)	SigmaSheet $-$ £59(1.11.52 + 1.9.28)
5.25" Interface (Watford) £29	DTP from Acorn – £145(2.12.41)	Chroma 345 (335 + improved chroma) - £420 (3.5.3)	Educational Programs
• 2M / 310 (Comp'ware) – £375 (inc fitting)(3.8.6)	First Word Plus Release 2 – £82(3.4.40)	Chromatext software - £42(3.5.3)	BookBinder (Musbury) – £50(3.4.2)
• 4M / 310 (Comp'ware) - £585 (inc fitting)(3.8.6)	First Word Plus Extended Dictionary – £7(2.8.30)	XAT video utilities – £84(3.5.3)	Bumper Pack 1 (Reading)—£18(1,2,34)
2M upgrade / 310 (Watford) – £330(3.4.10, 3.5.17)	First Fonts, Maths/Scientific - £20(2.1.32)		Bumper Pack 2 (Arith, English + Crosswords) – £18
4M upgrade / 310 (Watford) + £575 (3.4.10, 3.5.17)	Graphic Writer - £27(1.6.12)	Communications	Craftshop 1 - £33(3.9.35)
• Upgrade to 8M for 440 (Atomwide) • £890(3.7.2)	Impression DTP - £155(3.2.59)	Hearsay – £59(1.12.22)	Craftshop 2 · £33(3.9.5)
MEMC1a upgrade for 310/440 - £74(3.2.3)	Inter-Word ROM - £42(1.1.20)	WS3000 V22bis modem - £310(2.8.5)	Deck Top Stories 431 (2.12.48)
 ARM3 — 30MHz (Watford) – £460(page 4) 	Inter-Word disc $-$ £30(1.1.20)	Amstrad SM2400 modem -£210(2.8.5)	Desk Top Stories • £31(2.12.48)
ARM3 + 30MHz (Aleph One) £650(3.1.33)	Keyword -£18(3.3.32)	Modern connecting lead £12	DigiSim £40(2.8.48)
Panasonic KXP1081 9-pin printer + £175	Maps of the World - £28(3.7.3)		Droom - £20(1.7.42)
Panasonic KXP1124 24-pin printer – £275	SpellMaster ROM £55(1.10.34)	Utilities	Fun School 2 (under 6's) $-$ £19(3.3.2)
32k buffer chip for KXP1124 - £19	9-40-40-40-40-6-41 (1.10.34)	Archway (WIMP tools) – £85(2.10.31)	Fun School 2 $(6 - 8's) - £19$ (3.3.2)
 Cut-sheet feeder for KXP1124 – £125 	SpellMaster disc – £41(1.10.34)	Colour dump - Integrex - £25	Fun School 2 (over 8's) - £19(3.3.2)
 Ribbons for KXP1124 – £11 each 	Wordwise Plus A (80 column) – £30,(3.5.5)	Colour dump - Canon - £25	Genesis · £85(3.4.25)
Panasonic KXP4450 laser printer - £1530	Wordwise Plus A (upgrade from BBC) – £10(1.2.20)	Colour dump + LC10 + £25(3.3.28 + 3.9.59)	Gate Array Teaching System + £79(2.6.3)
Centronics Printer cable • £10	Art / Drawing etc Packages	DataStore Utilities Disc + £15(3.2.32)	Jigsaw - £33(3.5.27)
ROM Podule - £53(1.7.44)	ArcImEd – £23(1.12.42)	DiscTree – £44(2.8.24)	Numerator + £70(2.12.46)
	•	EEV - £10 (2.0.27)	
with battery backup = 1 5 5	$\mathbf{ArcPCR} = \mathbf{F170} \tag{2.1.2}$	rontra - 110,,(3.9.37)	Documentation
with battery backup – £63	ArcPCB - £170(2.1.2) ArcPCB Professional - £320 (3.1.4)	FontFX - £10(3.9.37) Grey dumps (9-pin tone dump) - £13(2.6.47)	Documentation
32k RAM chips - £17	ArcPCB Professional - £320(3.1.4)	Grey dumps (9-pin tone dump) $-$ £13(2.6.47) Instigator \cdot £45(2.10.5)	A3000 Technical Manual – £28(3.8.2)
32k RAM chips · £17	ArcPCB Professional - £320(3.1.4) Artisan 2 - £55(3.5.53)	Grey dumps (9-pin tone dump) - £13(2.6.47) Instigator · £45(2.10.5)	A3000 Technical Manual – £28(3.8.2) Assembly Language Book – £14(1.11.39)
32k RAM chips · £17	ArcPCB Professional - £320(3.1.4) Artisan 2 - £55(3.5.53) Artisan 2 upgrade (return Artisan disc) - £28(3.5.53)	Grey dumps (9-pin tone dump) - £13(2.6.47) Instigator · £45	A3000 Technical Manual – £28
32k RAM chips · £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13	A3000 Technical Manual – £28
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13 (2.6.47) Instigator ⋅ £45 (2.10.5) Key-Define ⋅ £13 (2.1.37) Outline Font Starter Pack ⋅ £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3)	A3000 Technical Manual – £28
32k RAM chips £17	ArcPCB Professional -£320	Grey dumps (9-pin tone dump) − £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" · £47 (3.5.3) PC Emulator · £95 (1.5.24)	A3000 Technical Manual – £28
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator · £95 (1.5.24) Pro-Copier - £10 (3.2.2)	A3000 Technical Manual – £28 (3.8.2) Assembly Language Book – £14 (1.11.39) Assembly Language Disc – £8 (3.6.17) Archimedes First Steps – £9 (3.6.17) BASIC V manual (Acotn) – £19 (2.8.2) BASIC V Dabhand Guide – £9 (2.9.2) Guide to Acorn DTP (inc. disc) – £17 (3.4.55)
32k RAM chips £17	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Euclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" · £47 (3.5.3) PC Emulator · £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20)	A3000 Technical Manual – £28
32k RAM chips £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM - £27 (2.12.2) Fully built with ROM - £38 (2.12.2) Fully built with RAM - £40 (2.12.2) Econet module £46 Floating Point Co Processor - £635 (3.6.3) I/O Podule £84 (1.7.38) New software for I/O Podule - £12 (3.6.2)	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Euclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator · £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51)	A3000 Technical Manual – £28 (3.8.2) Assembly Language Book – £14 (1.11.39) Assembly Language Disc – £8 (3.6.17) Archimedes First Steps – £9 (3.6.17) BASIC V manual (Acotn) – £19 (2.8.2) BASIC V Dabhand Guide – £9 (2.9.2) Guide to Acorn DTP (inc. disc) – £17 (3.4.55)
32k RAM chips £17	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Enclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4) Tween - £25 (3.8.4)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" · £47 (3.5.3) PC Emulator · £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox · £175 (2.3.2)	A3000 Technical Manual – £28 (3.8.2) Assembly Language Book – £14 (1.11.39) Assembly Language Disc – £8 (3.6.17) Archimedes First Steps – £9 (3.6.17) BASIC V manual (Acorn) – £19 (2.8.2) BASIC V Dabhand Guide – £9 (2.9.2) Guide to Acorn DTP (inc. disc) – £17 (3.4.55) Operating System Book – £14 (2.6.45) Operating System Disc – £8 (2.6.45) RISC-OS Prog Ref Manual – £75 (3.1.53)
32k RAM chips £17	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Euclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator · £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox · £175 (2.3.2) Timewatch - £28 (3.2.28)	A3000 Technical Manual – £28 (3.8.2) Assembly Language Book – £14 (1.11.39) Assembly Language Disc – £8 (3.6.17) Archimedes First Steps – £9 (3.6.17) BASIC V manual (Acorn) – £19 (2.8.2) BASIC V Dabhand Guide – £9 (2.9.2) Guide to Acorn DTP (inc. disc) – £17 (3.4.55) Operating System Book – £14 (2.6.45) Operating System Disc – £8 (2.6.45)
32k RAM chips £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM - £27 Fully built with ROM - £38 Fully built with RAM - £40 Econet module £46 Floating Point Co Processor - £635 (3.6.3) I/O Podule £84 (1.7.38) New software for I/O Podule - £12 (3.6.2)	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Enclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4) Tween - £25 (3.8.4)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator - £45 (2.10.5) Key-Define - £13 (2.1.37) Outline Font Starter Pack - £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator - £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox - £175 (2.3.2) Timewatch - £28 (3.2.28) Toolkit Plus - £42 (2.2.32)	A3000 Technical Manual – £28
32k RAM chips £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM - £27 (2.12.2) Fully built with ROM - £38 (2.12.2) Fully built with RAM - £40 (2.12.2) Econet module £46 Floating Point Co Processor - £635 (3.6.3) I/O Podule £84 (1.7.38) New software for I/O Podule - £12 (3.6.2) Joystick (Voltmace) £25 Midi podule - £74 (3.2.26)	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Enclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4) Tween - £25 (3.8.4) Film Maker - £69 (2.6.3)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator · £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox · £175 (2.3.2) Timewatch - £28 (3.2.28)	A3000 Technical Manual – £28
32k RAM chips · £17	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Enclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4) Tween - £25 (3.8.4) Film Maker - £69 (2.6.3) GarmaPlot - £59 (1.12.19)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator - £45 (2.10.5) Key-Define - £13 (2.1.37) Outline Font Starter Pack - £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator - £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox - £175 (2.3.2) Timewatch - £28 (3.2.28) Toolkit Plus - £42 (2.2.32) Worra Plotter - £27 (3.3.3)	A3000 Technical Manual – £28
32k RAM chips £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM - £27 (2.12.2) Fully built with ROM - £38 (2.12.2) Find built with RAM - £40 (2.12.2) Econet module £46 Floating Point Co Processor - £635 (3.6.3) I/O Podule £84 (1.7.38) New software for I/O Podule - £12 (3.6.2) Joystick (Voltmace) £25 Midi podule £74 (3.2.26) Midi podule upgrade software - £15 (3.6.2) Marconi Trackerball £55 Watford Hand Scanner - £176 (3.6.49)	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Enclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4) Tween - £25 (3.8.4) Film Maker - £69 (2.6.3) GarmaPlot - £59 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator - £45 (2.10.5) Key-Define - £13 (2.1.37) Outline Font Starter Pack - £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator - £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox - £175 (2.3.2) Timewatch - £28 (3.2.28) Toolkit Plus - £42 (2.2.32) Worra Plotter - £27 (3.3.3) Integrated Software	A3000 Technical Manual – £28
32k RAM chips £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM - £27 (2.12.2) Fully built with ROM - £38 (2.12.2) Fully built with RAM - £40 (2.12.2) Econet module £46 Floating Point Co Processor - £635 (3.6.3) I/O Podule £84 (1.7.38) New software for I/O Podule - £12 (3.6.2) Joystick (Voltmace) £25 Midi podule upgrade software - £15 (3.6.2) Marconi Trackerball £55 Watford Hand Scanner - £176 (3.6.49) ScanLight £495 (2.12.49)	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Enclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4) Tween - £25 (3.8.4) Film Maker - £69 (2.6.3) GarmaPlot - £59 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc - £20 (1.1.20)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator - £45 (2.10.5) Key-Define - £13 (2.1.37) Outline Font Starter Pack - £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator - £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox - £175 (2.3.2) Timewatch - £28 (3.2.28) Toolkit Plus - £42 (2.2.32) Worra Plotter - £27 (3.3.3) Integrated Software Home Accounts - £46 (2.10.29)	A3000 Technical Manual – £28
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator - £45 (2.10.5) Key-Define - £13 (2.1.37) Outline Font Starter Pack - £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator - £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox - £175 (2.3.2) Timewatch - £28 (3.2.28) Toolkit Plus - £42 (2.2.32) Worra Plotter - £27 (3.3.3) Integrated Software Home Accounts - £46 (2.10.29) Logistix - £99 (1.9.31 + 1.10.4)	A3000 Technical Manual – £28
32k RAM chips £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM - £27 (2.12.2) Fully built with ROM - £38 (2.12.2) Fully built with RAM - £40 (2.12.2) Econet module - £46 (3.6.2) Floating Point Co Processor - £635 (3.6.3) I/O Podule - £84 (1.7.38) New software for I/O Podule - £12 (3.6.2) Joystick (Voltmace) - £25 (3.2.26) Midi podule - £74 (3.2.26) Midi podule upgrade software - £15 (3.6.2) Marconi Trackerball - £55 (3.6.49) ScanLight - £495 (2.12.49) ScanLight Junior - £205 (2.12.49) Colour Digitiser (Wild Vision) - £360 (3.7.13)	ArcPCB Professional - £320 (3.1.4) Artisan 2 - £55 (3.5.53) Artisan 2 upgrade (return Artisan disc) £28(3.5.53) Atelier - £85 (2.12.46) AutoSketch - £79 (1.7.3) Drawing Board - £54 (2.5.33) Enclid - £60 (3.1.50) Mogul (for Euclid) - £20 (3.1.50) Splice - £25 (3.8.4) Tween - £25 (3.8.4) Film Maker - £69 (2.6.3) GarmaPlot - £59 (1.12.19) GraphBox - £69 (2.8.4) Inter-Chart ROM - £27 (1.1.20) Inter-Chart disc - £20 (1.1.20) Presenter II - £42 (1.11.46 + 3.3.23) Presentation System - £46 (2.7.20)	Grey dumps (9-pin tone dump) - £13 (2.6.47) Instigator · £45 (2.10.5) Key-Define · £13 (2.1.37) Outline Font Starter Pack · £47 (3.5.3) Outline Fonts "New Hall" - £47 (3.5.3) PC Emulator · £95 (1.5.24) Pro-Copier - £10 (3.2.2) RISC-OS upgrade - £36 (2.7.20) RISC-OS Companion - £50 (2.12.51) Software Developer's Toolbox · £175 (2.3.2) Timewatch - £28 (3.2.28) Toolkit Plus · £42 (2.2.32) Worra Plotter - £27 (3.3.3) Integrated Software Home Accounts - £46 (2.10.29) Logistix · £99 (1.9.31 + 1.10.4) PipeDream 3 · £145 (2.12.23)	A3000 Technical Manual – £28
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13	A3000 Technical Manual – £28
32k RAM chips £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM - £27 (2.12.2) Fully built with ROM - £38 (2.12.2) Fully built with RAM - £40 (2.12.2) Econet module - £46 (3.6.2) Floating Point Co Processor - £635 (3.6.3) I/O Podule - £84 (1.7.38) New software for I/O Podule - £12 (3.6.2) Joystick (Voltmace) - £25 (3.2.26) Midi podule - £74 (3.2.26) Midi podule upgrade software - £15 (3.6.2) Marconi Trackerball - £55 (3.6.49) ScanLight - £495 (2.12.49) ScanLight Junior - £205 (2.12.49) Colour Digitiser (Wild Vision) - £360 (3.7.13)	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) - £13	A3000 Technical Manual – £28
32k RAM chips • £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM – £27 (2.12.2) Fully built with ROM – £38 (2.12.2) Fully built with RAM – £40 (2.12.2) Econet module • £46 (3.6.2) Floating Point Co Processor – £635 (3.6.3) I/O Podule • £84 (1.7.38) New software for I/O Podule – £12 (3.6.2) Joystick (Voltmace) • £25 (3.2.26) Midi podule – £74 (3.2.26) Midi podule upgrade software – £15 (3.6.2) Marconi Trackerball • £55 (3.6.49) ScanLight • £495 (2.12.49) ScanLight Junior • £205 (2.12.49) Colour Digitiser (Wild Vision) – £360 (3.7.13) Languages	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) - £13	A3000 Technical Manual – £28
32k RAM chips • £17 Atomwide prototyping boards (2.12.2) Bare board with V1.1 ROM – £27 (2.12.2) Fully built with ROM – £38 (2.12.2) Fully built with RAM – £40 (2.12.2) Econet module • £46 (3.6.2) Floating Point Co Processor – £635 (3.6.3) I/O Podule • £84 (1.7.38) New software for I/O Podule – £12 (3.6.2) Joystick (Voltmace) • £25 (3.2.26) Midi podule – £74 (3.2.26) Midi podule upgrade software – £15 (3.6.2) Marconi Trackerball • £55 (3.6.49) ScanLight Junior • £176 (3.6.49) ScanLight Junior • £205 (2.12.49) Colour Digitiser (Wild Vision) – £360 (3.7.13) Languages ABC-2 BASIC Compiler – £89 (2.5.16) ABC Dynamic Extensions - £45 (3.1.2)	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13	A3000 Technical Manual - £28
32k RAM chips · £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13	A3000 Technical Manual - £28
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13	A3000 Technical Manual $-£28$
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13 (2.6.47) Instigator − £45 (2.10.5) Key-Define − £13 (2.1.37) Outline Font Starter Pack − £47 (3.5.3) Outline Fonts "New Hall" − £47 (3.5.3) PC Emulator − £95 (1.5.24) Pro-Copier − £10 (3.2.2) RISC-OS upgrade − £36 (2.7.20) RISC-OS Companion − £50 (2.12.51) Software Developer's Toolbox − £175 (2.3.2) Timewatch − £28 (3.2.28) Toolkit Plus − £27 (3.3.3) Integrated Software Home Accounts − £46 (2.10.29) Logistix − £99 (1.9.31 + 1.10.4) PipeDream 3 − £145 (2.12.23) PipeDream 3 upgrade (from 2 only) − £68 (2.12.23) PipeDream 3 upgrade (from 2 + SpellCheck) − £37 (3.2.28) The Account Book (Apricote) − £26 (3.7.10) The Invoice Program (Apricote) − £26 (3.7.10) Personal Accounts (Apricote) − £14 (3.7.10)	A3000 Technical Manual - £28
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13	A3000 Technical Manual $-£28$
32k RAM chips £17	ArcPCB Professional - £320	Grey dumps (9-pin tone dump) − £13 (2.6.47) Instigator − £45 (2.10.5) Key-Define − £13 (2.1.37) Outline Font Starter Pack − £47 (3.5.3) Outline Fonts "New Hall" − £47 (3.5.3) PC Emulator − £95 (1.5.24) Pro-Copier − £10 (3.2.2) RISC-OS upgrade − £36 (2.7.20) RISC-OS Companion − £50 (2.12.51) Software Developer's Toolbox − £175 (2.3.2) Timewatch − £28 (3.2.28) Toolkit Plus − £27 (3.3.3) Integrated Software Home Accounts − £46 (2.10.29) Logistix − £99 (1.9.31 + 1.10.4) PipeDream 3 − £145 (2.12.23) PipeDream 3 upgrade (from 2 only) − £68 (2.12.23) PipeDream 3 upgrade (from 2 + SpellCheck) − £37 (3.2.28) The Account Book (Apricote) − £26 (3.7.10) The Invoice Program (Apricote) − £26 (3.7.10) Personal Accounts (Apricote) − £14 (3.7.10)	A3000 Technical Manual - £28

	RoboLOGO – £90(4.4.54)
Spreadsheets & Databases	Tiny Logo + Tiny Draw - £28(4.3.59)
Alphabase – £42(2.5.37)	• •
Ancestry - £69(2.8.43)	Documentation (2.8.2)
Arcscan III Database – £17	A3000 Technical Manual – £28(3.8.2)
DataVision - £130(4.1.3) Financial Accountant - £245(4.1.3)	(A540 Technical Manual – £65)
	Assembly Language Book – £14(1.11.39)
Flexifile - £130(4.5.54)	Assembly Language Disc – £8
Inter-Sheet disc – £30(1.1.20)	Archimedes First Steps $-£9$ (3.6.17)
Inter-Sheet ROM – £42(1.1.20)	BASIC V manual (Acorn) - £19(2.8.2)
Knowledge Organiser – £55(3.9.54)	BASIC V Dabhand Guide – £9(2.9.2)
Mailshot – £37(2.6.27)	• DTP Seeds – £8(4.5.3)
Matrix 3 – £89(1.11.2) Multistore – £250(3.4.33 / 3.6.46)	Guide to Acorn DTP (inc. disc) – £17(3.4.55)
	Operating System Book $-£14$
Reporter - £37(2.6.27) Schema - £110(4.1.5)	
SigmaSheet – £46(1.11.52 + 1.9.28)	RISC-OS Prog Ref Manual – £75 (See page 6) (3.1.53) 288 Dabhand Guide – £14(3.9.57)
System Delta-Plus II - £69(2.5.3)	200 Dabhand Guide - £14(3.9.37)
System Delta-Plus Reference Manual – £27	Games
	Adventure Lang Prog System (ALPS) - £32(3.3.50)
Educational Programs	Alerion – £14(2.1.45)
Amazing Ollie (age: 4+) - £15(4.2.2)	Alien Invasion – £14(3.12.20)
Astro (Astronomy programs) - £18(4.2.2)	All-in Boxing – £14(3.1.4)
BookBinder (Musbury) - £50(3.4.2)	Apocalypse – £28(3.10.42)
Coffee (age: 9 - 15) - £29(4.2.2)	Arcade 3 Compilation – £14(3.1,44)
Craftshop 1 – £33(3.9.35)	Arcade Soccer – £18(3.10.35)
Craftshop 2 – £33(3.9.5)	Arcendium – £14(2.5.2)
 Desktop Folio – £95(4.5.2) 	Arc Trivia – £23(2.7.52)
Desk Top Stories – £38(2.12.48)	• ArcPinball – £23(4.5.2)
DigiSim – £40(2.8.48)	Ballarena – £18(4.4.20)
Droom – £25(1.7.42)	• Blowpipe – £19(4.5.2)
Dust – £32(4.1.3)	Bug Hunter/MoonDash – £17(3.10.26)
Freddy Teddy – £18(4.4.2)	Bug Hunter in Space – £17(4.4.52)
Fun School 2 (age: under 6's) - £19(4.2.59)	Caverns – £17(3.5.2)
Fun School 2 (age: $6 - 8$'s) $- £19$ (4.2.59)	Cheat it again, Archie - £11(2.7.55)
Fun School 2 (age: 8+) – £19(4.2.59)	Chocks Away 2 – £23(4.4.40)
Gate Array Design/Teaching - £130(4.1.3)	Cops (Adventure) – £18(3.7.48)
Genesis – £85(3.4.25)	Crisis – £27(4.3.2)
Genesis II – £130(4.3.3)	Drop Ship - £18(4.4.52)
Geoscan Database – £38(4.2.51)	Enthar-7 – £26(2,1,44)
• Giant Killer Maths Adventure – £18(4.5.3)	E-Type – £18(3,2,49)
• Giant Killer Support Disc – £16(4.5.3)	E-Type Designer – £16(3.3.2)
HoneyPot – £47(4.2.2)	E-Type Extra 100 miles – £16(3.3.2)
Jiglet - £30(4.4.30 + 4.5.17)	Family Favourites – £18(3.8.59)
Jigsaw - £33(3.5.27)	Fireball II – £23(3.5.41)
• Landmarks (Egypt) – £20(4.5.3)	Fireball II + Fish + Pon (MiniPack5) - £27(3.5.41)
• Landmarks (2nd World War) – £20(4.5.3)	Freddy's Folly – £14(2.1.45)
Logotron Logo – £64(1,11,50)	Herewith the Clues! $-£23$ (3.11.57)
• Magpie multi-media – £57(4.5.3)	Holed Out – £18(2,9.38)
Maps of the World – £28(4.1.54)	Holed Out Extra Coures 1 – £16(2,10,5)
• Mental Maths – £18(4.5.4)	Holed Out Extra Coures 2 – £16(2.10.5)
Numerator – £78(2.12.46)	Holed Out Designer – £18(3.9.60)
Ollie Octopus Sketchpad (age: 4+) - £15(4.2.3)	Hostages – £19(4.4.16)
Order & Chaos (for Numerator) – £17(4.1.26)	Hoverbod – £14(1.10.47)
PenDown (full release) - £57(3.12.48 & 4.1.42)	This the Viking – £18(3.1.45)
P.I.P.P £37(3.12.51)	Inertia -£18(3.12.43)
RiscType V2 – £18(4.3.3)	Interdictor 2 – £32(4.2.17)

Archive Members' Price List – February 1991

(All prices include VAT and UK carriage) (Numbers in brackets refer to issues of Archive magazine.) (* means either 'new product' or 'new price')
Shareware Discs Nº 0 to 26 & 30 to 38 – £3 each
Any 10 Shareware discs – £27
Careware Discs N^{o} 1 to 12 – £6 each
Prog. Disc Vol. 1 Issues 1 - 6 inc. on one disc - £3
6
Program Discs 1.7, 1.8, 1.9 etc – £3 each(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
Volume 4 program discs advance booking (12) - £33
Archive back issues - £2 each
Binder volume 1, 2, 3 or $4 - £5$ each(1.7.3)
Binders I to 4 – £16 for four
3.5" Discs, top quality - 10 for £13, 50 for £60
Printer cable - £10
Keyboard extension cable – £8
Archimedes A300/400 dust cover – £10
,
Archimedes A3000 dust cover – £9
Annual Service Kit (2 batteries + fan filter) – £3
Oak SCSI Hard Drives

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.

WorraWinnie SCSI Drives for 300/400

	-
A300/400 SCSI hard disc podule - £220	
New software for SCSI podules - £11	

45M	internal drive + podule - £440
80M	internal drive + podule - £640
100M	internal drive + podule - £840
200M	internal drive + podule - £1240
20M	external drive + podule - £390

20M internal drive + podule - £340

45M external drive + podule - £490 80M external drive + podule - £690 100M external drive + podule - £890 200M external drive + podule -£1290

High Speed SCSI Drives for 300/400 40M internal drive + podule - £520

80M internal drive + podule - £720 100M internal drive + podule - £1020 200M internal drive + podule - £1520

40M external drive + podule - £720 80M external drive + podule - £920

100M external drive + podule -£1220200M external drive + podule - £1720

Oak ELITE SCSI Drives for 300/400(4.3.15) 40M external drive + podule - £860

80M external drive + podule - £1220 100M external drive + podule - £1420

300M external drive + podule - £2420

200M external drive + podule - £1780 640M external drive + podule - £3020 A3000 WorraWinnie external drives 20M external drive + podule - £390(4.3.15) 45M external drive + podule - £490(4.4.2) 80M external drive + podule - £690(4.4.2) 100M external drive + podule - £890 200M external drive + podule - £1290 A3000 SCSI hard disc podule – £220 Oak SCSI Tape streamers(3.4.3) 60M SCSI Tape streamer – £1120 150M SCSI Tape streamer - £1390 1 Gb SCSI Tapestreamer - £3090(3.7.2) 60M Cartridges (3M) – £23 each 150M Cartridges (3M) – £26 each 1 Gb Cartridges - £45 each

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge) • External 42M (20ms) (w/o podule) -£595...(4.1.47)

External 42M +Oak A300/400 podule - £795

External 42M +Oak A3000 pod - £795

External 42M +Lingenuity A300/400 podule – £775

 External 42M +Lingenuity A3000 podule – £775 Extra 42M cartridges - £80

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series - £210 Internal 40M (28ms) drive for A400 series - £330 Internal 47M (28ms) drive for A400 series - £410

Xpress Bulk Disc Copier

60-disc copier, software & leads - £2645 (4,2,2,4,4,2)

A400 / 500 Computers & Upgrades A410 - £1260 (inc £100 Archive youcher)...... A420 Learning Curve - £1490 (+ £100 voucher) A440 equivalent - £1830 (+ £100 voucher) A440 Learning Curve – £1900 (+ £100 voucher) A540 - £3444 (+ £200 youcher) 4M Ram card for A540 - £530 Ram for A410 - £60 per Mb (+ £10 if fitting req'd) Single RAM chips (in case you damage one!) -£8 ARM3 - 24MHz (Aleph One) - £460(4.1.13)

ARM3 – 30MHz (CJE Micros) – £440(4,1,3) ARM3 - 25MHz (CJE Micros) - £390(4.1.3) 4 to 8M Upgrade (Atomwide) - £890(3,11,25) • Fan Speed Controller – £20(4.5.2)

Econet module – £52 Replacement keyboard for 400/1 - £120 Replacement 3.5" drive for 400/1 - £70(3.5.3)

A3000 Computers & Upgrades

A3000 computer - £680 (inc £50 free s/ware) A3000 Learning Curve – £800 A3000 Jet Set Pack - £710(4.1.4) 1 Mb A3000 upgrade (Morley) - £80(3.3.3/3.6.2) 3 Mb A3000 upgrade (Morley) - £240(3.3.3/3.6.2)

1 Mb A3000 upgrade (Atomwide) – £80(3,10,2)	ScanLight Plus Junior - £205	SpellMaster ROM – £55(1.10.34)	Oiti
3 Mb A3000 upgrade (Atomwide) – £275(3.10.2)	ScanLight Plus Junior A3000 - £205	SpellMaster disc – £41(1,10,34)	Communications Acom - £28(4.3.40)
A3000 Econet Module – £52	SCSI podule for A300/A400 (Acorn) - £270	Tempest DTP - £120(3.10.50)	Acc Comm. (21.
A3000 Serial upgrade – £20	SCSI podule for A300/A400 (Lingenuity) - £185	Wordwise Plus A (80 column) - £30(3.5.5)	Arc-Comm – £31(4.3.40)
A3000 User Port & Midi – £52	Drintoro & Aggeografico	Wordwise Plus A (upgrade from BBC) - £10 (1,2,20)	• ArcTerm 7 – £75(4.5.2)
Midi upgrade software – £10(3.6.2)	Printers & Accessories		Hearsay – £59(1.12.22)
A3000 User & Analogue Ports (Morley) - £72 (3.6.2)	Panasonic KXP1081 9-pin printer – £155 Panasonic KXP1124 24-pin printer – £275	Graphics & Clipart	WS3000 V22bis modem - £310(2.8.5)
A3000 Ext 3.5" drive for A3000 - £135(3.6.2)	32k buffer chip for KXP1124 – £15	History (Costume) Graphics Pack – £18(4.2.3)	Modem connecting lead – £12
SCSI podule for A3000 (Lingenuity) - £165	Cut-sheet feeder for KXP1124 - £125(3.10.3)	Maps of the World $-£28$ (3.7.3)	Utilities
Monitors & Accessories		Pre-Historic Animals – £18(4.2.3)	ArcDFS - £28(3.11.55 & 3.12.30 & 4.1.48)
Acorn (Philips) monitor – £250	Ribbons for KXP1124 - £11 each(3.10.3)	Tools - £18(4.4.3)	• Archway2 – £90(4.5.2)
Philips CM8833 14" monitor – £280(2.9.2)	Centronics Printer cable – £10	World Wildlife Pack - £18(4.2.3)	• ArcMonitor – £28(4.4.2)
Eizo 9060SZ 14" multi-sync - £520(2.9.2)	Laser Direct 300 dpi – £1080 (3.9.3 & 3.10.3 & 3.12.6)	Art / Drawing etc Packages	CIS Utilities (inc Pro-Copier) - £16(4.3.2)
Taxan 795 14" Trinitron m-sync - £590(4.1.6 & 21)	Laser Direct 600 dpi (LBP8) – £1560(4.1.2)	ArcImEd – £23(1.12.42)	Colour dump - Canon - £25
Eizo 9070SZ 16" multi-sync – £880(4.1.6 & 21)	Canon LBP4 – £950(4.1.2)	ArcLight - £46(4.4.19)	Colour dump - Integrex - £25
Taxan 970 20" multi-sync - £1690(4.1.6)	LD interface for LBP4 – £370(4.1.2)	ArcPCB - £160(2.1,2)	Colour dump – LC10 – £25(3.3,28 + 3,9,59)
VIDC Enhancer – £35(3.10.21)	ArcLaser - £1040(3.11.3 & 3.12.6)	ArcPCB Professional – £320(3.1.4)	DataStore Utilities Disc - £15(3.2.32)
A3000 Monitor stand – £33	Qume toner set – £75(4.1.4)	Artisan 2 – £55(3,5.53)	DiscTree – £44(2.8.24)
	Qume drum set – £95(4.1.4)	Artisan 2 upgrade (return Artisan disc) – £28 (3.5.53)	FontFX - £10(3.9.37)
Long monitor lead with sound – £15(3.12.2)	Toner cartridge for LBP4/8 - £80	Art Nouveau – £42.50(2.6.17)	Grey dumps (9-pin tone dump) – £13(2.6.47)
TV adaptor – £35(4,4,3)	Languages	Atelier – £85(2.12.46)	Instigator – £45(2.10.5)
A310 / A440 Upgrades	ABC-2 BASIC Compiler - £89(2.5.16)	AutoSketch - £79(1.7.3)	• Investigator H – £26(4.5.3)
Replacement Mouse – £55(3.5.3)	ABC Dynamic Extensions – £45(3.1.2)	Drawing Board - £54(2.5,33)	Outline Font Starter Pack – £47(3.5.3)
Replacement 3.5" drive for $310 - £100$ (3.5.3)	Acom Assembler – £195(3.4.51)	Euclid - £60(3.1.50)	Outline Fonts 'Newhall' - £47(3.5.3)
Second internal 3.5" drive -£122	Adventure Lang Prog System (ALPS) - £32(3.3.50)	Film Maker – £90(2.6.3)	PC Emulator – £95(1.5.24)
Replacement keyboard for 310/1 - £120	ANSI-C (Release 3) - £145	GammaPlot – £46(1,12,19)	RISC-OS upgrade – £36(2.7.20)
MEMC1a upgrade for $310/440 - £74$ (3.2.3)	Cambridge Pascal – £70(3.4.27)	GraphBox - £69(2.8.4)	RISC-OS Companion – £50(2,12,51)
ARM3 - 24MHz (Aleph One) - £460(4.1.13)	C Front End - £18(3.4.49)	Inter-Chart ROM - £27(1.1.20)	Software Developer's Toolbox – £175(2.3.2)
ARM3 – 30MHz (CJE Micros) – £440(4.1.3)	C Dabhand Guide - £14(2.1.28)	Inter-Chart disc - £20(1.1.20)	TCP/IP Protocol Suite – £195(4.2.3)
ARM3 – 30MHz (CJE Micros) – £390(4.1.3)	C Guide Disc - £8	Mogul (for Euclid) – £20(3.1.50)	TCP/IP Protocol Suite Site Licence – £995(4.2.3)
Econet module - £52	Fortran 77 (Rel. 2) – £99(1.7.26)	Poster (with fonts) -£93(3.11.13)	TCP/IP Programmers Pack – £48(4.2.3)
Acorn 2-slot backplane (inc fan) - £42	Iso-Pascal (Ref. 2) - £99(1.9.24 + 1.11.14)	Presenter II – £42(1,11.46 + 3,3,23)	Timewatch - £28(3.2.28)
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £66	Logotron Logo - £64(1,11,50)	Presenter II with Hotlinks $-£49$ (3.10,3)	Toolkit Plus – £42(2.2.32)
Dodulos 9 Esternol add ana	Risc BASIC Compiler – £130(2.9.32)	Presentation System - £46(2.7.20)	WIMP Template Editor - £8(2.5.29)
Podules & External add-ons	Risc Forth – £130(2.2.23)	Pro-Artisan – £85(2.3.19)	Worra Piotter – £27(3.3.3)
5.25" drive interface (CJ Micros) – £35	RoboLOGO - £90(4,1,5)	Realtime Solids Modeller - £160(2.10.46)	
5.25" drive interface (Digital Svcs) – £38(4.1.2)	Twin Editor – £29	Render Bender – £69(2.9.23)	Integrated Software
ROM Podule – £53(1.7.44)	Wingpass Macro Assembler V2 – £47(2.8.41)	• Revelation image processor – £80(4.5.4)	Desktop Office – £120(4,1,40 + 4,2,55)
with battery backup – £63	Word-Processors & DTP	Snippet – £30(3,11,4)	Home Accounts – £46(2.10.29)
32k RAM chips – £15	DTP from Acorn – £145(2.12.41)	Solid CAD – £130(2.5.3)	Minerva Business Accounts - £350(4.1.3)
Atomwide prototyping boards(4,4,46)		Solids Render – £130(4.1.5)	Minerva Nominal Ledger – £90(4.1.3)
Bare board with V1.3 ROM - £32	Easiword - £36(3.9.2)	Solid Tools - £320(4.1.5)	Minerva Ordering/Invoicing - £90(4.1.3)
Fully built with ROM – £43	• Equasor – £52(4.5.3)	Splice - £25(3.12.38)	Minerva Purchase Ledger – £90(4.1.3)
Fully built with RAM – £49.	• Expression PS – £21(4.5.3)	Super-Dump - £28(4.1.5)	Minerva Sales Ledger - £90(4.1.3)
APEC utilities disc – £4	First Word Plus 2 - £82(3.4.40)	Super-Plot – £37(4.1.5)	Minerva Stock Management – £90(4.1.3)
Colour Digitiser Hawk V9 – £360(3.7.13)	First Word Plus Extended Dictionary – £7(2.8.30)	Tween - £25(3.12.38)	Office Tools – £320(4.1.4)
Ethernet Card - £270 (4.1.2)	First Fonts, Maths/Scientific – £20(2.1.32)	Worra-CAD - £80 (initial offer price)(3,11,4)	Personal Accounts (Apricote) – £27(4.2.53)
Floating Point Co-Processor – £570(4.2.43)	Graphic Writer – £27(1.6.12)		PipeDream 3 – £145(2.12,23)
I/O Podule – £88(1.7.38)	Impression 2 DTP – £175(4.5.49)	Sound (Hardware & Software)	PipeDream 3 upgrade (from 2 only) – £68
New software for I/O Podule – £12(3.6.2)	• Impression Dongle Dangle – £5(4.5.3)	Acorn Midi podule – £74(3.2.26)	PipeDream 3 upgrade (from 2 + SpellCheck) - £37
Joystick (Voltmace) – £25	Impression Junior – £89(3.2.59)	Armadeus – £70(2.9.17)	PipeDream Extended Dictionary – £7(3,2,28)
Joystick/Mouse switch – £18(4.1.4)	Inter-Word ROM – £42(1.1.20)	Armadeus sampler podule – £140(2.9.17)	ShareHolder - £130(4.1.5)
Midi podule – £74(3.2.26)	Inter-Word disc – £30(1.1.20)	Rhapsody - £46(4.2.19 + 4.3.29)	The Account Book (Apricote) - £32(4.2.53)
Midi podule upgrade software – £15(3.6.2)	Keyword - £18(3.3,32)	Supersound Creations – £17(4.3.4)	The Invoice Program (Apricote) – £32(4.2.53)
Marconi Trackerball – £55	Ovation DTP - £105(3.12.23)	• Tracker – £46(4.5.44)	

Protext 5.0 - £135.....(4.2.3)

• ShowPage - £150(4.5.4)

Communications			
Acom $-£28$ (4.3.40)			
Arc-Comm – £31(4.3,40)			
• ArcTerm 7 – £75(4.5.2)			
Hearsay - £59(1.12.22)			
WS3000 V22bis modem – £310(2.8.5)			
Modern connecting lead – £12			
Utilities			
ArcDFS - £28(3.11.55 & 3.12.30 & 4.1.48)			
• Archway2 – £90(4.5.2)			
• ArcMonitor – £28(4.4.2)			
CIS Utilities (inc Pro-Copier) – £16(4.3.2)			
Colour dump - Canon - £25			
Colour dump - Integrex - £25			
Colour dump – LC10 – £25(3.3.28 + 3.9.59)			
DataStore Utilities Disc - £15(3.2.32)			
DiscTree – £44			
FontFX -£10(3.9.37)			
Grey dumps (9-pin tone dump) – £13(2.6.47)			
Instigator – £45(2.10.5)			
• Investigator H – £26(4.5.3)			
Outline Font Starter Pack – £47(3.5.3)			
Outline Fonts 'Newhall' - £47(3.5.3)			
PC Emulator – £95(1.5.24)			
RISC-OS upgrade – £36(2.7.20)			
RISC-OS Companion – £50(2.12.51)			
Software Developer's Toolbox – £175(2.3.2)			
TCP/IP Protocol Suite - £195(4.2.3)			
TCP/IP Protocol Suite Site Licence – £995(4.2.3)			
TCP/IP Programmers Pack - £48(4.2.3)			
Timewatch - £28(3.2.28)			
Toolkit Plus – £42(2.2.32)			
WIMP Template Editor – £8(2.5.29)			
Worra Plotter – £27(3.3.3)			
Integrated Software			
Desktop Office – £120(4,1,40 + 4,2,55)			
Home Accounts – £46(2.10.29)			
Minerva Business Accounts - £350(4.1.3)			
Minerva Nominal Ledger – £90(4.1.3)			
Minerva Ordering/Invoicing – £90(4.1.3)			
Minerva Purchase Ledger – £90(4.1.3)			
Minerva Sales Ledger - £90 (4.1.3)			
Minerva Stock Management – £90(4.1.3)			
Office Tools – £320(4.1.4)			
Personal Accounts (Apricote) – £27(4.2.53)			
PipeDream 3 – £145(2.12,23)			
PipeDream 3 upgrade (from 2 only) – £68			
Pine Dream 3 upgrade (from 2 + Spell Check) £27			

ScanLight Plus (A4) - £425(2.12.49) Sheet feeder for Scanlight Plus - £105

New Ranges of SCS! Drives

Oak Solutions have rationalised their ranges of SCSI drives into three basic types: WorraWinnie, High Speed and Elite.

WorraWinnie: These are roughly equivalent to the original SCSI drives which Oak produced although some of them may be slightly slower than before. They are, however, cheaper than before and the external drives are in slightly more compact cases. The internal 45M drives, for example, are available at an Archive price of £440 compared with the previous price of £525. They are guaranteed for 12 months.

High Speed: These are, as the name suggests, faster drives than the WorraWinnies and they are in a rather more substantial metal case. The 40M, for example, runs at about 800 Kbytes/sec with an access time of between 11 and 16 ms whereas the 45M WorraWinnie will be more like 600 Kbytes/sec and an access time of 24 or 28 ms. The internal 40M drive is £520 which is roughly the same as the original, slower, 45M drives. They are guaranteed for a full two years.

Elite: These are the same drives as the High Speed drives but are built in such a way that they will pass the stringent new r.f.i. regulations that will come into force in 1992. They are also guaranteed for a full two years.

Additional Drives: An increasing number of people are ordering SCSI drives without podules. (They are just £100 less than quoted on page 1 since those prices include the SCSI podule.) If your intention is to use it as a second drive with an existing drive, it is important to make this clear when you place your order. We will then be able to change the internal links on the drive before sending it to you. The link changes are necessary because no two devices should have the same ID number and drives are normally sent out as ID zero. It involves taking the drive out of its case, so it is obviously preferable if you allow us to do that for you.

Careware Nº12

We mentioned in the magazine that Careware N°12 was going to contain the HU-Prolog as reviewed by Chris Williamson on page 40 but there are also a number of other useful items on it:

Linear filter circuit analyser, Design office utilities (e.g. stresses in beams), Mathathon, Maths Trivia, Graphical population census of Britain (1971), Desktop soundtracker player, Desktop file counter, REM lister, LBP4 driver for Laserjet & FWPlus files.

Charity Sales

The following items are available for sale in aid of charity. PLEASE do not just send money – ring us on 0603-766592 to check if the items are still available. Thank you,

Presenter II£18
Trivial Pursuit£9
Acom ROM/RAM podule£18
StarTrader£5
Quazer£3
Minerva's Sales, Nominal, Purchase Ledgers and Order Processing and
Invoicing, full manuals£35 the lot
Interdictor 1£6
Holed Out£8
Corruption£3
CIS Utilities£5
Brother HR15 + 6 daisy wheels£60 (buyer collects from Fleet, Hants)
Logistix 2 (brand new)£40
Artisan Support Disc£2
Front Fascia for single drive A310£5

PRM's in short supply

Acom have said that the RISC-OS Programmers' Reference manuals are in short supply and will be so for some while to come. If you want a copy, send a SEPARATE CHEQUE, please, so that we can hold it until the manuals come into stock.

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD. (Phone: 0603–766592, Fax –764011)

• Iron Lord – £18(4.5.3)	Return to Doom – £19
Jet Fighter – £14(2.3.2)	Rotor - £23(3.7.3)
Last Days of Doom/Hezarin - £19(3.7.3)	• Square Route – £18(4.5.4)
Maddingly Hall – £14(3.8.3)	Star Trader – £16(2.5.31)
• Mad Professor Mariarti – £18 ,(4.5.3)	Superior Golf – £18(3.12.19)
Mah Jong Patience – £18(4.3.3)	Talisman – £14(4.3.50)
Man at Arms – £19(3.11.58)	The WIMP Game – £18(4.3.42)
Memory Magic – £15(3.11.3)	Thundermonk – £14 ,(2.5.3)
MicroDrive - £18(3.11.3)	Trivial Pursuit – £27(3.6.41)
MicroDrive Extra Courses – £14(4.3.3)	Twinworld – £18(4.4.3)
MiniPack5 - Fireball Π + Fish + Pon - £27(3.5.41)	U.LM £28(3.7.21)
Minotaur - £14(1.3.34)	WordUpWordDown - £16(2.5.31)
Missile Control – £14(1.10.47)	• Worldscape – £19(4.5.4)
Nevryon – £18(4.1.53)	Zarch – £18(1.2.33)
Olympics – £19(3.9.58)	Z88
Orion – £14(2.1.45)	Z88 Computer – £230
PipeMania – £23(4.4.7)	128k RAM pack – £49
Plague Planet - £14(2.10.48)	128k EPROM pack – £49
Powerband – £23(4.3.3)	EPROM eraser – £39
Pysanki – £18(4,4,52)	Archimedes link – £35
Quazer - £11(1.10.47)	Carrying case – £10
Redshift – £17(3.12.3) Repton 3 – £18(2.3.2)	Mains Adaptor – £10
Repton 3 – £18(2.3.2)	Manie Acapest - #10
After the January Sales	

February Sales In line with other retailing organisations, NCS is

clearing some of the stocks at 'knock-down' prices! Stocks are limited so PLEASE either send separate cheques for each item or, better still, ring to find out if they are still available and we will put them on one side for you.

Hardware · A3000 45M SCSI drive (full speed, not Worra

- Winnie) mounted in bridge (1 only) £540 (was £695) A300/400 45M external SCS1 drive (full speed, not
- Worra Winnie) (1 only) £540 (was £655)
- A300/400 80M external SCSI drive (full speed, not Worra Winnie) (1 only) – £790 (was £890)
- A300/400 100M external SCSI drive (full speed. not Worra Winnie) (1 only) - £990 (was £1130)
- A300/400 200M external SCSI drive (full speed, not Worra Winnie) (1 only) - £1350 (was £1490)
- · A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) - £680 (was £720)
- A310 4 M RAM upgrades (Protokote) They were £600 but we are prepared to sell them for £490 on a user-fitting basis.

Software

- Presenter II (without HotLinks) £35
- U.I.M. £16 (was £28)
- Olympics £10 (was £19)

Bulletin Board Password

The password for the Archive bulletin board is 'impression' - phone 0603-745932.

A400 series prices We are able to make special deals on RAM and hard

drives if they are purchased at the same time as a

A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively. So a 440/1 equivalent costs £1260 + 3 * £50 + £390 =

£1800. If you buy an Acorn 14" standard resolution monitor at the same time add £200, if you want an Eizo 9060SZ add £450 or for a Taxan 795 add £550.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

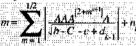
In the News



DrawBender makes Draw files follow a shape of your choice. A useful addition or cheap alternative to Poster, available with or without a set of three decorative fonts. The example above was made using DrawBender with FontFX.

We will send a £25 voucher to the purchaser who thinks of the best new name for it!

Equasor



Order now if you want to be one of the first to use this equation building application, with its own mathematical, Greek and other symbols.

Wordpower

Still the best for the Electron, Master and BBC.

"I have yet to find a wordprocessor that gets close to it for usability and quality of output," said BEEBUG magazine this September.

Schema in stock!

RISC User decided that this spreadsheet "has to be the first, if not the only choice". We now have the full (very stylish) package in stock, complete with manual.

Squirrel

You would be nuts not to order this new database from Digital Services at our special offer price of £109! Delivery will be in January.

BASIC Editor and Toolkit

BBC, Master and Electron users will find BET makes the creation and editing of BASIC programs a real pleasure and encourages the development of a good programming style (Archimedes owners will envy its facilities). Full details on request.

Citizen Swift 24

For a limited period we are offering the colour version of this printer for only £2701

MisMatch

A delightful new version of the Pelmanism memory game for all age groups. Excellent graphics and (controllable) sound. An ideal introduction to the Archimedes for fiveyear-olds. Grown-ups will find it addictive but good for the mind!

PipeDrivers

If your dot matrix printer has more features than Pipe-Dream knows what to do with, you need Pipe-Driver Dot 1. It provides access to resident and download fonts, ink colours, variable print size and line spacing etc. Like our First Fonts for 1st Word Plus and Power Fonts for Wordpower. PipeDrivers can make foreign language and scientific word-processing a pleasure. And our 24pin and LC-10 typefaces will brighten your output at full printer speed.

Arckey

With more applications on the market a function key strip organiser is indispensable. Arckey users do it without gluel Suitable for BBC and Master too.

Poster

Use it on its own or with any DTP program to produce endless special effects at any size. Our price includes a site licence, a range of clip art and borders, and 20 fonts which can also be used with other programs.

TWO

TASK AND WINDOW ORGANISER

Group a number of tasks together and start them up with one double-click on the mouse. Applications can be run, files loaded, directories opened, and star commands executed.

Up to 42 task groups may be defined very easily and listed on the screen when the computer starts up. A great help when inexperienced users need access to the system, and a welcome time-saver for old hats.

TWO will instantly re-arrange windows in rotating stacks, piles or a space of their own. No more hunting for the missing one! TWO will also save configuration settings, set Copy and Wipe options, or blank the screen after a specified period of inactivity.

New from Ian Copestake Software

£19 + VAT Sites £60

t last there is a high-quality range of hard disc upgrades at affordable prices. The *ideA* range from ICS.

For those who haven't heard, the *ideA* is a brand new hard disc interface for Archimedes and A3000 computers. 'IDE' stands for Integrated Drive Electronics. As the name suggests IDE hard discs have sophisticated electronics built into them, allowing the computer interface to be simpler, cheaper and more reliable.

Getting

Transfer and access speeds can also be enhanced.

Most IDE discs are autoparking, and some have the ability to switch themselves off to save power during periods of inactivity.

Now for the first time we can offer Archimedes users products previously available only in the PC world.

Although the *ideA* is new, you can use it just like the familiar ADFS. All properly written software will work as usual and there is no conflict of *ideA*s with existing ADFS or SCSI drives. PC partitioning is fully supported.

Fitting a hard disc in an A300/400 series computer is straightforward and clear instructions are provided. All discs supplied by us are tested and formatted. The complete upgrade kit includes a disc cradle and fan, and is called for example **IDEARCIN40**. The 40 at the end indicates the hard disc capacity: our Price List shows the sizes currently available (others will be added very soon).

A backplane is not needed on the A310 unless you wish to connect other podules. In that case you must use a high-quality four-layer backplane such as the one we offer.

One of the most exciting products in the ideA range is a fully internal hard disc upgrade



for the BBC A3000. Ideal for schools or any location where space is restricted or security and portability are

important. The **IDEA3IN20** uses one of the latest 2½" 20 megabyte low-power discs. We cannot be sure yet whether larger capacities will become available for internal fitting.

Installing the A3000 upgrade is quite easy, but it could be dangerous for inexperienced users to open the computer. So our price for this particular product includes collection and fitting at our service centre. (Please make sure we have your daytime and evening telephone numbers so we can arrange this). Deduct £10 if you do not require the A3000 fitting service.

Ian Copestake Software will be producing a range of other accessories for the A3000. First to arrive is **IC PLINTH**, a steel monitor stand to which you can later add **IC HOUSE**,

our hard and floppy disc drive housing (ready very soon). The Plinth can take a variety of 14" monitors yet occupies less than 18" from

front to back when in use. It has anti-slip feet and may be fixed to a desk. Assembly is easy. There is full access to the mains switch and floppy disc drive, while the reset switch is accessible but guarded.

The *ideA* hard disc controller is also available on its own for those who are confident of choosing a suitable IDE hard disc themselves. The product reference is **IDEARC**. We must point out that we can only accept responsibility for the performance of the *ideA* interface with discs we have tested.

INTRODUCTORY PRICES

(guaranteed until 31st December)

IC HOUSE IC PLINTH			T.B.A. £21
IDEA3IN20	23ms	incl fitting	£499
IDEARC IDEARCIN40	28ms		£110 £349
IDEARCIN80			£499
IDEARCIN135			£699
IDEARCIN200			£899
IFEL 4-slot 4-la	yer Bac	kplane 📑	£57

Ask about our special evaluation offer for LEAs and Acorn dealers





RETAIL PRICE LIST 1st December 1990

ARC8, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL Tel / Fax: 051-648 6287 Internat: + 44 51 648 6287

DataVision

Designer Intro

Gate Array Design/Teaching

education price

Hard Disc Companion

Hotlink Presenter

Impression Junior

Impression 2

Interchart Rom

Intersheet Rom

Inspiration

Interdictor

Genesis

GerberPlot

HardBack.

Hearsay

Graphic Writer

VAT UK customers please add 15% to the total price, except for zerorated items which are marked 90.

Carriage Free in mainland UK if you pay on ordering.

Overseas Add £6 (Europe) or £12 (elsewhere) for each software item, and pay by credit card or pounds sterling bank draft payable in England (add £10 + 1% of total price if you can only pay in your own purrency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Payment due in 14 days, invoices subject to carriage and late payment charges.

Site licences Pleaso enquire if no price is shown

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting.

Goods are guaranteed but we do not supply them on approval.

BBC / MASTER / **ELECTRON SOFTWARE**

Biff Basic Editor and To	olkit	
rom module	ICS	£19
 rom in cartridge 	IÇ\$	f75
Powerfont NTQ	ICS	£13
Power Fonts	ICS	
 see separate panel 		
Spellmaster rom	CC	£52
Wordpower	ICS	£36
site licence (extra)		£100
 extra rom 		£7
– extra manual		voe.

ARCHIMEDES SOFTWARE

If it's not on the list, ask for a quote. We always try to match the best nrings

pircos.		
Accounts	Min	£243
Alpha-Base	Cla	f.3B
Archway	Sim	f'74
ARC PCB	Sil	f139
 Professional 	Sil	£277
Armadeus	Cla	fB1
Artisan II	Cla	£44
Artisan Gallery	Cla	£16
Atelier	Min	£67
Autosketch CAD	Aut	£69
Basic Compiler	Dab	£75
Buffor Module	Cla	£20
Craftshop 1	4ma	£29
network version		£34
Craftshop 2	4ma	£29
network version		€34

KEY T	O MAKERS	Cit	Citizon	Mit	Mitre
		€la	Clares	Min	Minerva
Ace	Ace	Col	Colton	Oak	Oak
Aco	Acorn	CW	Computerware	Pana	Panasonic
Ale	Aleph One	(Dab	Dabs	Pand	i Pandora
Apr	Apricote	()at	Data Store	Ser	Serial Port
Arm	Armadillo	Dig	Digital Services	Sha	Sharp
Arn	Amor	Emr	EMR	Sil	Silicon Vision
Arx	Arxe	Eps	Epson	Sim	Simtron
Aut	Autodosk	ICS	lan Copestake	Sof	Software Solutions
Bee	Beebug	lfe	IFEL	Sta	Star
Cal	Calligraph	bil	Irlam	Tax	Taxan
Can	Canon	Kad	Kador	Tec	TechSoft
CC Com	puter Concepts	Lin	Lingenuity	4ma	4Mation
Cir	Circle	Lon	Longman Logotron		

Interword Rom

investigator

CC £39

Sec £22

£113

£75

Designer than	160	1,70	n wostryator	13631	1, 2, 2,
Desktop Enhancer	Mit	£26	ISO C Dovt System	Bee	£//
Desktop Office	Min	f97	Jiglot	4ma	£26
Desktop Publisher	Aco	£110	Jigsaw	4ma	£28
Disc Tree	Mit	£37	Knowledge Organisor	Cla	C47
DFS Reader	Bee	£9	LC-10 Colour driver	Ace	£13
DrawBender	ICS	£10	ம்ற்ற	Lon	£55
 DrawBender + Fonts 		F12	MisMatch	1CS	£10
- site licence		F50	Multif \$	Arx	£27
Lasiword	Min	F31	Multistore	Min	£197
Equasor	CC	£49	- site licence (total, 30	compu	ters
Euclid Is	Ace	£52			£1250
Film-Maker	Sil	£75	Numerator	Lon	£69
Financial Accountant	Sit	£705	Office Tools	Sil	£278
First Fants	ICS		Ovation	Bee	€79
 seo soparate panel 			Ovation Demo (refundab	le	
FlexiFile	Min	C113	on purchaso)	Boo	£5
Flying Start II	Mit	£86	Payroli	Min	£129
FontfX	Dat	f9	Pondown (Iuli release ve	rsion)	
nito licence (tetal)		cen		Lon	640

r ontr A	(2011	re	r pripown finit telease vers	SION	
site licence (total)		£60		l,on	£49
Font Pack	Aco		Personal Accounts (vrsn 2	Apr	£23
- Newhall		£41	PipeDream 3	Col	£112
 Starter 		£41	PipeDrivers	ICS	
– Symbol		£41	 see separate panel 		
Lont Pack	Bee		Poster	4ma	£79
1 (already included wi	ith Ova	tion):	Power Fonts	ICS	
Paladin, Swiss B, Symb	olB, V	ogue	 see separate panel 		
		£43	Premier	Cir	£/1
 2: Bookman, Chancer 	y, Cou	rier,	– DataBase	Cir	£25
Garamond		CPOA	- WordProc	Cir	£25
- 3: Dingbats, New Cer	itury		Presentation System	Sil	£61
Schoolbook, Optima, 1i	mes	EPOA	Presenter Story	Lin	£149
Font Pack	CC		Presenter II	1,in	£36
Avant Garde		f79	Pro Artisan	Cla	£74
- Bookman		£29	Professional PDT CAD	Qak	£353
- Pembroke		£29	Protoxt	Arn	€117
Fourier Analysis	Arm	660	Realtime Solids Modeller	Sil	£139
Gammaplot	Min	£52	Render Bender	Çla	£58

£113

£74

F65 £92

F23

£25

F51

£43

€74

£25

f30

£39

Pand EPOA

Sil

Sot

Sil Cla

Cir

Bee F35

Bee

Lin

CC

CC £135

CC

Cla

CC

rendown fluil release vers	SION?	
	l,on	£49
Personal Accounts (vrsn 2	Apr	£23
PipeDream 3	Col	£112
PipeDrivers	ICS	
 see separate panel 		
Poster	4ma	£79
Power Fonts	ICS	
see separate panel		
Premier	Cir	£/1
– DataBase	Cir	£25
- WordProc	Cir	£25
Presentation System	Sil	£61
Presenter Story	Lin	£149
Presenter II	1,in	£36
Pro Artisan	Cla	£74
Professional PD1 CAD	Qak	£353
Protoxt	Arn	£117
Realtime Solids Modeller	Sil	£139
Render Sender	Çla	£58
Rhapsody	Cla	£35
RiscBASIC Compiler	Sil	£113
RiscForth Compiler	Sil	£113
RISC OS Companion Vol 1	Sof	f,49
Robol.ogo	Sil	£75
Schema	Cla	£96
School Administrator	Min	€69
Score PMS	Emr	£499
ShareHolder	Sil	£139
Sigma Sheet	Min	£53
Snippet	4ma	£26
SolidCAD	Sil	£113
SolidsRender	Sil	£113
Solid Tools	Sil	£279
Squirrel (delivory January)	Dig	f,109
 Econgt version 		£459

- site licence		£475
Studio 24 Plus	(-mr	fP0A
Super-Dump	Sir	£25
Super-Plot	Sit.	£32
System Delta Plus II	Min	£54
Tempest	Cla	£97
Timewatch	Mit	C26
Foolkit Plus	Cla	£37
TWO (Task and		
Window Organiser)	ics	£19
site licence		£60
Utility Disc 1	Dat	£13
Viaw	Aco	£47
VewSheet -	Aco	£47
ViewSpelt	Aco	F34
ViewStore	Aco	f52
Wordpower Arc	ICS	£36
 sita licance (extra) 		C100
1st Word Plus	Aco	£64

EACSIMILE MACHINE

LMCOHAITE MI	~~	
FO-2100 (full-feature, Me	ercury-	
compatible)	Sha	f799
 12-month warranty 		£59

PRINTERS

L LIMA I PLAN	,	
Arcl aser	Cal	0904
Bubble Jat BJ 10e	Can	f27
 Shoet feeder 		$\ell 5$
Bubble Jet BJ-130E	Can	£475
GQ-5000 (12-month on-site	<u> </u>	
maintenance)	Eps	£879
KX-P1124	Pana	£226
32k ram for above		£20
KX P1624	Pana	f369
KX-P4420 8ppm	Pana	£.79:
KX-P4450i	Pana	£12/
 1Mbyte upgrade 		C29
Laser Direct	CC	F850
Laser Direct LBP4 Card	CC	F35
Laser Direct LBP8 600 dpi		
including toner	CC	£128.
LC24-10 32k ram card	Sta	£6
Swift 24 Colour	Cit	C279
Archimedes parallel printer	cable	e 23

MONITOR

Multivision	/95	HX.	L	ŀ

SCANNERS

i-Scan	10	£587
Scan Light A4	CC	£379
 Sheet feeder 		fPQA
Scan-Light Junior	CC	C178
- A3000 version		£175

LIDGRADES

Of Gilabea				
A3000 2Mb	Ato	£60		
A3000 2Mb	lfe	F68		
A3000 4Mb	lfe	£243		
A310 7Mb	Ato	£345		
A310 4Mb	Αto	£499		
8Mb A400/1 / A440 / R14	0 Ato	F699		
ARM3	Ale	F4()(

FUNCTION KEY STRIP ORGANISER

Arckey	ICS	V0 £3
 quantity of 4 		νο £10

KEYBOARD COVERS

Seal in Type (spill-proof)		
 Archimedes 	Kad	f1
· A3000	Kad	£1



HARD DISC UPGRADES AND ACCESSORIES

A number at the end of a product name is the capacity in megabytes. 'Upgrades' include the hard disc and ideA controller as well as a fan and other items where needed. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

uporade

apgrave		
IDEARCIN40	28ms	£349
IDEARCIN80	19ms	£499
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899

IDEARCEX40 28ms £POA IDEARCEX80 19ms fPOA IDEARCEX135 28ms £POA IDEARCEX200 15ms fPOA

A3000 internal upgrade including collection and fitting IDEA3IN20 23ms £499

A3000 accessories	
IC HOUSE	£P0/
IC PLINTH	£21

ideA accessories

ideA controller card (We can only accept responsibility for performance with hard discs we have tested ourselves).

A300/400 series internal

IDEĀRCIN40	28ms	£349
IDEARCIN80	19ms	£499
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899

A300/400 series external uparade

A3000 external upgrade Ready soon

4-slot 4-layer Backplane (see above note) Ife £57

IDEARC £110

ICS FONTS 1st Word Plus First Fonts

PipeDream PipeDrivers Wordpower Power Fonts

Please tell us which of the above you need and specify your printer make and model. A more detailed list of fonts is available.

£50 Site licence For multiple use of First Fonts or PipeDrivers, (Power Fonts are covered by a Wordpower site licence).

Symbol sets

e.a. Chemistry, Czech, ICS1 (Forms Design), ICS2 (IBM characters), Latin 1 (includes French, German, Italian, Spanish), Latin 2, Latin 3 (includes Esperanto), Latin 4, Mathematics & Physics Russian

 for dot matrix 	£19
– for laser	£29

24-pin & HP laser typefaces Bodmin, Neston, Old English, Personal, Royden, Shadow and Initials. Universal 8nt, Universal 10nt, Universal 12pt, Weimar Fraktur

- 24-pin: any 3 faces £29 - laser: any 3 weights £29

Star LC-10 typefaces Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

- any 4	£19
all 7	£29

PipeDriver Dot 1 £10

Powerfont NTQ €13 Provides near letter quality on ordinary 9-pin printers. Required for some Power Fonts.





MicroDrive - £18	(3.11.3)	A400 series prices
MicroDrive Extra Courses - £	.14(4.3.3)	We are able to make special deals on ram and hard
Minotaur – £14	(1.3.34)	drives if they are purchased at the same time as a
Missile Control - £14	(1.10.47)	A410. So, if you buy an A410 at £1260 (and get £100
Nevryon - £18	(4.1.53)	free software with it) you can have extra ram fitted at
Olympics – £19	(3.9.38)	
Orion - £14	(2.1.45)	£50 per Mbyte (no fitting charge) and a hard disc for
PipeMania – £23	(4.1.4)	£310 or £390 for 40M or 47M respectively.
Plague Planet – £11	,(2.10.48)	So a $440/1$ equivalent costs £1260 + 3 * £50 + £390
Powerband – £23	(4.3.3)	= £1800.
Pysanki – £18	(1.10.47)	If you have an Appen 14" standard revolution manitar
Quazer - £11 Redshift - £17	(3.12.3)	If you buy an Acorn 14" standard resolution monitor
Repton 3 – £18	(2.3.2)	at the same time add £200, if you want an Eizo
Return to Doom - £19	(2.0.2)	9060SZ add £450 or for a Taxan 795 add £550.
Rotor – £23	(3.7.3)	(These special discounts also apply if you buy an
Star Trader - £16	(2.5.31)	A540, an A3000 or a Learning Curve Pack.)
Superior Golf – £18	(3.12.19)	715 70, tan 715 000 of the Learning Company
Talisman - £14	(4 3 50)	Bulletin Board Password
Terramex – £18	(
The WIMP Game – £18	(4.3.42)	The password for the Archive bulletin board is
Thundermonk – £14	(2.5.3)	"exodus" - phone 0603-745932.
Trivial Pursuit £27	(3.6.41)	Objective Code
U.I.M. – £28	(3.7.21)	Charity Sale
WordUpWordDown - £16	(2.5.31)	Interdictor 1 - £8; StarTrader - £6; System Delta
Zarch – £18	(1.2.33)	Accounts packages (sales, purchase, nominal + order
		processing) full documentation £80.
Z8		processing) run decumentation week
Z88 Computer – £230	Archimedes link – £35	
128k ram pack – £49	Carrying case – £10	
128k eprom pack – £49	Mains Adaptor – £10	
Eprom eraser - £39		
		Wanted – Programmers
		Due to continued expansion, EMR Ltd
		are In need of more Archimedes pro-
		grammers.
		For further information, please write to:-
		Mr Mike Beecher
		EMR Ltdi
		14 Mount Close
		II I
•		Wickford
		Essex
		S\$11 8HG